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REPORT ON 1990 FLORIDA BEACH CLEANUP

Center for Marine Conservation

January 1991

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16. Abstract (Limit: 200 words) On September 23, 1990 the Center for Marine Conservation coordinated the 4th statewide Florida Coastal Cleanup. The event was the largest ever of its kind in history, attracting 18431 participants. These volunteers cleaned approx. 200 tons of debris from 1,050 miles of Florida beaches, estuaries, mangrove islands, shallow waters, and coral reefs. Much of the glass, aluminum, and plastic containers, as well as monofilament fishing line collected was recycle A total 704,780 items were collected and recorded on data cards. Plastic and styrofoam items combined comprised nearly 64 % of the total. This percentage has remained relatively constant throughout all of the statewide cleanups since 1988. At least 15 individual animals (4 fish, 9 birds, and 2 crabs) were found entangled in monofilament fishing line or discarded fishing nets. Initial results also show that at least 78 items found on our beaches hailed from 27 different countries, and another minimum 27 items bore the logos or names of 8 cruise lines. There was a significant decrease (44 %) in the amount of monofilament that was collected this year as compared to 1989. Yet it still is equivalent to 260 miles of line. The Coastal Cleanup is a significant event, not only because of its immediate, short-term result---a cleaner Florida coastline, but because it promotes long-term behavior changes through data collection and education on the marine debris problem. The participants in the event witness firsthand the large amount and variety of debris items found on our coasts. In addition, through education and media, the general public and policy makers learn about this important issue.				
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THE 1990 FLORIDA COASTAL CLEANUP

FINAL REPORT TO DER (WITH PRELIMINARY RESULTS)

DER Contract No. CM-271
CENTER FOR MARINE CONSERVATION
One Beach Drive SE, Suite 304, St. Petersburg, FL 33701

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EXECUTIVE SUMMARY

On September 23, 1990 the Center for Marine Conservation coordinated the fourth statewide Florida Coastal Cleanup. The event was the largest ever of its kind in history, attracting 18,431 participants. These volunteers cleaned approximately 200 tons of debris from 1,050 miles of Florida beaches, estuaries, mangrove islands, shallow waters, and coral reefs. Much of the glass, aluminum, and plastic containers, as well as monofilament fishing line collected was recycled.

The Coastal Cleanup is a significant event, not only because of its immediate, short-term result--a cleaner Florida coastline--but because it promotes long term behavior changes through data collection and education on the marine debris problem. The participants in the

event witness firsthand the large amount and variety of debris items found on our coasts. In addition, through school and public education programs and through media activities, the general public and the state's policy makers become aware of this important issue.

The Center worked with approximately 71 "Zone Captains" in 34 of Florida's 35 coastal counties. At least 11 of these Zone Captains were new, and thus were trained by the Center. Many old and new Zone Captains increased the number of cleanup sights for which they were responsible, making it possible to cover more miles than in last year's event. Coordination of cleanups in coastal state parks and recreation areas was also expanded, through the cooperative efforts of the Center and the Florida Department of Natural Resources.

A total 704,780 items were collected and recorded on data cards by category. Plastic and polystyrene (styrofoam) items combined comprised nearly 64% of the total. This percentage has remained relatively constant throughout all the statewide cleanups in Florida since 1988.

At least 32 birds, 12 sea turtles, and an assortment of rays, crabs, and fish were found dead during the cleanup. Of these, 15 individual animals (4 fish, 9 birds, and 2 crabs) were found entangled in monofilament fishing line or discarded fishing nets.

Initial results also show that at least 78 items found on our beaches hailed from 27 different countries, and another minimum 27 items bore the logos or names of 8 cruise lines.

Approximately 260 miles of monofilament fishing line was

collected around the state. This represents a decrease of 44% from the amount collected last year. This decrease suggests that the educational campaign concerning the dangers of monofilament, conducted by the Center for Marine Conservation and other organizations, is having a positive effect on the recreational fishermen and women in the state.

ORGANIZING, THE YEAR IN REVIEW

COORDINATION

The Center for Marine Conservation began planning for the 1990 Coastal Cleanup in earnest by January 1990. Discussions were held with most of the "old" Zone Captains to gauge their interest in continuing in that role. Simultaneously, new Zone Captains were sought in areas where there was a vacancy and in new areas of the state where there had been no previous direct involvement.

During this period, staff at the Center also became engaged in assisting with spring coastal cleanups. The Center had not planned on a spring statewide cleanup, however it was expected by some since we had held one in 1989. In some cases the cleanups were a part of Earth Day 1990 events. The positive outcome of these spring cleanups and other related events was an increase in requests for educational information concerning marine debris. Though CMC staff could only physically be at three individual Earth Day events, our materials were at many more around the state. In addition to information about the dangers of marine debris, the general public was given early notice of the statewide cleanup that would occur on September 23, 1990.

The Steering Committee for the coastal cleanups met on May 24 to solidify the plan for the cleanup. Primarily, program expansion was discussed--how to involve more organizations and individuals, and if any new materials should be developed. One decision was to include in the cleanup brochure information about the accomplishments that coastal cleanups have helped to bring about (please see enclosure). It was also agreed that all materials should be printed on recycled paper.

Most of the materials printed for the cleanup were designed, produced, and distributed by the CMC staff in Florida. This included the brochure, poster, hats (for Zone Captains and their site coordinators), and the "Special Area" designation petition. The data cards and the data guides (poster form this year) were produced by CMC's National Beach Cleanup Program, but were distributed through the Florida Office, along with the pencils that were donated by FaberCastell. Trash bags were donated by GLAD Wrap and Bags, who also took care of most of the shipping costs for the bags.

To assist the public in finding their local coordinator and/or to give out specific information about the cleanup sites in their area, the center established a toll-free phone number, 1-800-CMC-FLORida.

TRAINING ZONE CAPTAINS AND SITE COORDINATORS

The "training" that goes on for Zone Captains is done over the phone, in individuals meetings around the state, and through "packets" that are developed and mailed by the state coordinator on a regular basis over at least a six month period leading up to the cleanup.

This year all Zone Captains received a CMC manual "All About Beach Cleanups," and new Zone Captains received "A Citizen's Guide to Plastics in the Ocean," another CMC publication. Packets also regularly include press releases, related information such as how to get involved in Coastweeks or get activities listed in the state's Coastweeks calendar, and any new ideas.

The Zone Captains are encouraged to hold workshops or meetings with their site coordinators to train them on how to fill out data cards, separate trash for recycling, organize a check-in site, how to report stranded animals, and fill out the end report, among other things.

WORKING WITH THE MEDIA AND ANNOUNCING THE CLEANUP

On May 24 the Center held a kick-off press conference in St. Petersburg that was well attended and picked up around the state by TV, radio, and the press. In addition to releasing the 1989 National Cleanup report, and announcing the September 23 Coastal Cleanup date, the Center launched its "Clean Oceans Campaign" which features the character "Popeye" as the spokesperson. The campaign included a 30 second Public Service Announcement (PSA) spot which was released around the state. It listed a national toll-free number at the end, for more information about marine debris. Any individual calling from Florida was mailed information and was referred to either the Florida Office's toll-free number or their county's Zone Captain to get more information about the Coastal Cleanup.

In the ensuing months, several other press announcements about

the cleanup were released and CMC staff and the local coordinators conducted radio, TV, and press interviews and appeared on longer shows to "get the word out" about marine debris and the Coastal Cleanup.

During the late spring, contact was made with Senator Graham's office in Washington to enlist the Senator's assistance with a PSA specifically about the Florida Coastal Cleanup. A successful PSA was developed and widely distributed around the state, after which time the use of the toll-free number increased dramatically.

RECYCLING

Recycling is always an important part of the coastal cleanup. The Center distributes the Florida Business and Industry Recycling Program's (BIRP) updated list of recyclers to all Zone Captains early in the year, and encourages them to recycle glass, aluminum, and plastic. When needed, CMC staff assisted individual local coordinators with their specific plan, such as when there were no recyclers in their immediate area. Most recyclers, such as Waste Management and BFI, among others, were extremely helpful and are repeat participants with the cleanup program.

A new twist to recycling this year was an arrangement the Center made with Berkeley, a manufacturer of fishing line and tackle. They agreed to accept the collected monofilament fishing line and nets, even if somewhat dirty, to recycle into new fishing-related products. Their recycling program was new, and they were excited to get involved with coastal cleanups.

THE RESULTS

Table 1 (a-d) is a list by counties of all the debris items collected and recorded on the standard CMC data card. Statewide totals of individual items are listed to the far right of pages 1(b) and 1(d). Total items recorded by county or "zone" are listed at the bottom of pages 1(c) and 1(d). Below is the total number of items per category, and their percent of the total:

ITEM	QUANTITY	PERCENTAGE OF TOTAL
Plastics	349,995	49.66
Styrofoam	99,899	14.17
Glass	72,777	10.33
Rubber	10,436	1.48
Metal	83,890	11.90
Paper	62,260	8.83
Wood	17,538	2.49
Cloth	7,985	1.13
Total	704,780	99.99

Plastics and styrofoam combined equal 63.83 % of the total number of items collected. This value has remained fairly constant through all four statewide coastal cleanups. This suggests that packaging in Florida and/or the customer's choice of packaging has not changed much over the last three years (most debris items are some sort of package material). The data has to be looked at in more detail before any conclusions can be made.

In contrast, there was a large decrease in the reported amount of monofilament fishing line that was collected this year compared to last year. Approximately 260 miles of monofilament was collected. This is a 44 % decrease from the 467 miles collected in 1989. This decrease suggests that the educational campaign concerning the dangers of monofilament to wildlife has had a positive effect on the habits of fishermen and women around Florida.

Table 2 lists the numbers of volunteers, miles they covered, the total weight of the debris collected, and the total number of items listed on the data cards by county, beginning in the northeast part of Florida and continuing around to the Panhandle.

CONCLUSION

The 1990 statewide Florida Coastal Cleanup was a highly successful event. Participation jumped by 26 % since the 1989 Coastal Cleanup to reach 18,431, and an additional 139 more miles were covered. In fact, if not for the unfortunate sewage spills in Palm Beach County which kept potential volunteers away, we feel confident that participation in Florida would have topped the anticipated 20,000 mark (in 1989 Palm beach had 2500 volunteers, in 1990 only 1056).

In addition, the requests for marine debris information from students and people of all ages throughout Florida, as well as from a wide variety of Florida organizations has increased dramatically. This all points to an increase in public awareness and concern about the marine debris problem--a concern that is significant enough that the public wants to actively do something about it.

The Center for Marine Conservation hopes to expand the annual statewide cleanups to include even more user groups (involve statewide and local boating and fishing organizations more), civic clubs, chambers, businesses, scouts, and schools. Though the cleanups have covered 1000 miles or more, there remains another 8000 miles that have yet to be cleaned of debris, and many communities that have not been involved.

In addition, programs such as Adopt-A-Shore, Boater's Pledge, and others are supported by the Center and considered necessary to further educate the public, in particular those not yet aware of the marine debris issue.

BUDGET FOR THE 1990 FLORIDA COASTAL CLEANUP
For October 1989 Through December 1990

ACCT.CODE	EXPENSE	DEBIT	CREDIT
40009	Foundation Grants		26000.00
40010	Individual Grants		600.00
40011	Corporate Grants		15800.00
40012	Governmental Grants		25567.00
40021	Prog. Receivable Income		20833.00
50002	List Rentals & Exchanges	76.20	
50010	Art/Typesetting-DM	171.77	
50012	Mettings & Conferences	502.14	
50015	Overhead	20244.71	
50020	Salaries & Wages	38107.18	
50026	Travel & Entertainment	2515.70	
50028	Telephone	4855.04	
50030	Audio Visuals	554.03	
50031	Advertising	194.37	
50033	Rent	4322.34	
50034	Postage	312.39	830.65
50035	Freight & Messenger	2236.80	
50036	Printing	5016.93	
50037	Typesetting	68.10	
50038	Publications	122.00	
50039	Subscriptions & Dues	32.40	
50040	Insurance-Other	120.00	
50043	Consultant	5071.24	
50044	Temporary Help	1841.50	
50048	Office Supplies	1470.67	
50051	Maintenance & Repairs	787.95	
50053	Miscellaneous	340.02	
50054	Public Relations (Hats)	3080.34	
Total Florida Coastal Cleanup		92043.82	89630.65

TABLE 1 (a)

1990 National Beach Cleanup Raw Data Summary		FLORIDA																
		Duval	St. Johns	Flagler	Volusia	Brevard	Indian River	St. Lucie	Martin	Palm Beach	Broward	Dade	Monroe	Collier	Lee	Charlotte	Sarasota	Hillsborough
PLASTIC																		
Bags	279	676	95	1291	58	635	624	1134	725	2197	3510	5937	838	887	386	1628	1872	
Food	223	135	109	291	191	162	699	473	330	927	1348	5523	175	287	161	302	404	
Trash	24	0	1	15	4	22	0	16	10	32	48	10	1	5	4	13	13	
Other	155	147	186	405	47	245	424	409	215	1567	2275	462	196	401	208	399	624	
Bottles	396	205	111	176	20	407	436	938	441	1193	2573	1040	208	487	215	410	1173	
Glass	86	50	32	44	5	132	240	83	45	139	529	672	26	32	11	53	159	
Gallon	127	42	56	44	9	233	286	125	121	627	680	693	16	118	21	105	256	
Oil/tube	142	26	28	28	10	59	158	84	43	107	497	371	34	87	21	117	306	
Other	138	82	80	215	18	243	515	204	261	402	984	824	74	131	48	212	336	
Buckets	30	9	4	38	4	63	74	44	46	58	275	206	277	34	15	50	121	
Caps/lids	338	506	248	2032	168	989	1546	1394	1038	3854	3601	949	655	588	214	607	988	
Cigarette filters	349	1094	480	9518	27	1406	2138	2278	2220	9039	2406	826	2826	2561	2634	6316	1561	
Cigarette lighters	43	51	71	118	21	86	133	140	146	328	445	95	51	606	40	81	411	
Cups/utensils	369	268	179	894	114	500	635	806	653	4458	4808	489	280	495	575	468	557	
Discs	25	14	16	16	4	32	22	21	31	176	243	16	49	45	12	42	48	
Fishing line	109	77	132	138	68	132	289	239	135	1029	530	182	152	150	196	418	348	
Net	31	17	13	41	4	50	41	33	46	274	82	59	6	21	2	45	20	
Flare/juice	18	19	22	56	15	79	89	75	34	139	183	200	73	82	45	53	193	
Hard hats	4	0	0	1	2	3	3	8	5	20	13	18	3	1	0	0	8	
Light sticks	10	27	3	194	66	194	323	203	164	432	663	285	14	13	19	12	84	
Piece	594	1054	378	3084	358	1921	2798	2048	2193	7433	5282	1168	785	927	384	1521	1435	
Pipe thread prot.	5	10	6	21	1	19	31	22	46	64	92	11	95	15	4	6	130	
Rope	135	156	47	637	26	371	826	463	393	1695	1663	762	124	115	170	72	244	
Sheeting/long	20	5	4	2	3	13	29	12	10	57	165	156	3	22	7	12	54	
Short	82	20	35	48	147	35	118	73	39	176	306	154	20	24	17	21	59	
Sit-pack holders	116	58	76	126	33	151	169	266	169	545	1009	154	75	100	76	228	457	
Strapping bands	48	74	19	163	22	119	243	185	81	803	352	193	21	38	25	77	105	
Straws	527	608	103	2712	97	1073	1698	1460	1272	4916	3384	84	855	720	288	1098	1160	
Syringes	1	10	1	33	9	32	35	32	72	57	86	24	7	130	1	4	15	
Tampon applicators	7	19	7	43	12	59	69	51	84	193	244	56	24	74	8	16	31	
Tools	119	44	8	115	6	75	126	80	58	318	269	74	38	90	27	89	105	
Vegetable waste	2	21	12	17	10	7	30	53	29	54	180	45	13	12	19	15	58	
Waste prot. rings	18	21	8	48	0	35	36	107	27	271	210	11	5	20	11	23	36	
Other	331	301	95	1094	213	598	737	474	290	1581	1471	380	390	385	198	412	692	
STYROFOAM																		
Buoys	451	23	11	55	9	127	185	89	42	174	339	2089	56	61	21	53	148	
Cubes	523	332	286	621	85	788	802	999	819	2262	3354	1986	127	357	945	2060	37	
Egg cartons	12	13	9	25	1	35	47	22	11	53	318	139	21	14	10	14	32	
Fast food cont.	85	67	51	117	12	191	136	331	112	423	849	250	126	142	133	180	572	
Meat trays	52	46	39	56	2	60	42	94	26	151	316	797	22	72	37	51	122	
Packaging	140	54	18	104	33	285	332	349	233	901	807	293	35	143	59	123	463	
Pieces	1743	1179	409	2086	72	1963	1471	1967	1713	5562	5485	2069	491	642	211	1621	2294	
Plates	37	14	6	9	3	126	88	103	58	229	655	309	25	59	20	72	285	
Other	370	46	30	123	1	136	142	155	95	451	591	339	45	108	57	71	268	

TABLE 1(b)

Place	Marion	Nassau	Pasco	Citrus	Okla	Taylor	Jefferson	Havilla	Franklin	Roll	Ray	Nelson	Ocala	Santa	Escambia	STATE TOTAL
1003	54	163	415	1284	73	105	3	822	327	53	951	122	423	683	665	22175
1062	3	24	321	240	72	39	0	146	66	38	153	3	168	242	131	9248
32	0	0	1	2	12	0	0	1	5	20	2	0	10	32	3	322
1283	21	32	311	256	25	41	15	344	70	17	418	52	240	658	219	12892
1469	12	37	329	683	64	593	5	493	386	81	585	16	332	1013	535	17072
96	0	3	25	161	14	87	4	83	92	11	136	7	21	124	85	3321
200	2	8	68	156	22	70	6	99	176	22	232	21	47	322	221	5004
129	3	2	51	142	70	145	3	131	142	5	145	1	23	140	115	3369
382	4	11	71	132	23	176	3	132	154	36	303	14	65	431	335	7441
86	0	2	13	132	9	40	0	24	23	3	56	1	7	24	28	1801
2387	36	106	301	447	34	113	6	342	404	150	1073	204	631	1339	1016	28304
13256	0	139	1426	643	1	2	0	582	267	11	6765	419	1303	2628	2487	77625
337	9	9	67	108	6	48	0	47	65	17	783	12	114	253	131	4372
2228	5	111	270	476	41	117	1	292	327	143	344	54	432	1055	313	22287
77	1	6	30	35	8	7	0	29	21	20	43	4	22	162	39	1273
392	4	1	492	139	4	20	0	49	26	19	106	2	59	92	102	5789
56	1	1	8	10	0	7	0	4	4	11	23	5	13	11	30	971
201	7	0	42	190	3	39	3	65	24	2	108	8	42	64	31	2239
0	0	1	1	1	1	0	0	0	0	0	7	0	1	0	0	91
127	0	5	5	128	0	1	0	1	2	16	113	17	26	239	22	3438
3575	2	155	659	690	18	31	40	225	292	158	1841	388	639	1612	768	44516
56	0	2	4	5	1	0	0	8	14	0	21	1	8	5	3	708
503	0	12	76	95	7	359	0	66	82	46	298	130	162	364	312	10411
38	0	1	0	15	4	7	0	10	1	3	53	10	1	7	12	713
101	0	0	4	17	0	5	0	23	8	3	27	3	1	61	39	1671
613	4	3	71	203	17	46	1	126	51	66	167	10	103	298	191	5803
191	0	1	61	12	1	2	0	8	28	64	76	14	45	81	65	3214
3881	12	457	102	265	0	2	0	68	87	97	482	97	380	1078	395	29688
37	0	0	4	7	0	0	0	0	1	0	7	8	2	30	13	608
49	1	4	9	24	0	1	0	5	9	5	25	5	21	61	31	1182
260	1	12	20	32	2	6	0	14	30	10	63	25	43	83	39	2281
92	1	3	1	40	0	1	0	9	7	3	21	11	21	98	63	278
116	0	1	10	2	1	0	0	1	9	3	36	14	23	22	21	1154
1290	4	38	175	298	21	5	3	317	142	19	429	99	172	261	159	13077
111	0	19	42	258	19	39	8	137	79	1	57	3	17	36	52	5431
2550	58	63	363	1232	213	600	4	708	457	76	733	59	698	1289	821	27093
936	1	19	113	355	41	61	1	192	126	10	130	7	104	315	300	6518
117	1	4	44	115	9	9	0	54	55	17	87	25	22	145	111	2300
315	1	9	25	116	6	52	0	92	65	3	78	29	25	167	315	5677
3197	7	311	531	1210	142	94	12	691	686	90	1333	222	615	2102	799	43220
273	1	3	29	283	3	68	0	56	85	7	66	7	19	581	88	3677
634	4	10	74	112	44	248	1	239	43	11	76	21	21	70	70	4706

TABLE 1(c)

	Duval	Johns	Flagler	Volusia	Brevard	Indian River	Lucie	Martin	Beach	Broward	Dade	Monroe	Collier	Lee	Charlotte	Sarasota	Hillsborough
GLASS																	
Bottles Beverage	2915	500	180	220	98	836	872	2016	910	2079	5351	1989	690	1403	471	2232	4275
Food	29	22	14	15	7	75	81	101	54	122	709	439	110	47	17	148	153
Other	30	25	28	20	7	81	117	160	48	143	1055	460	133	64	53	194	346
Liquor, light tubes	0	10	5	18	5	44	34	69	19	117	118	132	4	2	0	1	5
Light bulbs	23	20	13	41	2	49	100	47	41	37	295	600	22	20	13	13	105
Pieces	442	221	36	219	395	242	202	440	248	1609	2140	1400	182	550	136	750	1232
Other	5	9	2	33	1	26	40	40	28	207	339	109	48	42	108	25	165
ROBERT																	
Balloons	22	90	53	229	7	70	132	100	117	530	310	17	49	121	38	35	283
Condors	3	9	1	12	0	6	14	24	26	78	69	5	2	12	11	14	9
Gloves	17	9	17	33	7	2	40	23	55	160	91	23	19	21	6	10	26
Tires	28	2	0	14	2	13	12	58	9	47	137	30	6	39	28	63	143
Other	70	116	38	229	12	105	198	117	107	546	522	242	109	198	49	187	497
METAL																	
Bottle caps	128	216	85	304	159	247	400	1071	381	2737	2434	264	291	508	269	726	994
Acetone	65	23	11	16	6	70	110	63	53	141	306	310	73	253	22	137	147
Beverage	923	671	367	517	142	1419	885	1979	811	2457	3720	1832	1284	1827	632	2052	2431
Food	39	12	11	11	6	25	25	130	35	207	491	99	152	81	48	27	114
Other	42	12	6	45	0	6	32	65	14	156	149	103	48	82	24	82	99
Crab/fish traps	1	8	0	1	0	0	3	7	1	14	17	137	2	13	7	6	21
Duns	29	5	0	9	1	1	14	22	0	13	18	11	2	22	1	8	30
Men	7	0	0	0	0	2	1	9	0	16	5	0	1	0	0	0	1
Pieces	268	101	133	153	36	133	111	127	85	412	444	198	188	158	61	299	348
Pull tabs	98	52	4	113	46	56	32	349	78	883	414	68	158	110	226	468	515
Wire	88	14	13	28	14	7	21	66	33	161	206	46	38	93	33	372	166
Other	62	63	17	97	11	59	78	82	91	562	422	184	279	165	51	370	318
PAPER																	
Bags	74	83	19	99	15	62	77	268	150	440	866	100	149	178	134	260	313
Cardboard	57	42	19	98	5	66	60	129	117	367	415	124	73	145	108	178	378
Cartons	101	74	8	52	12	52	114	147	92	320	503	78	54	212	86	203	399
Cups	159	128	37	258	4	131	181	423	221	836	878	79	91	219	101	270	520
Newspapers	118	51	22	70	1	76	102	70	65	487	344	23	64	103	49	175	289
Pieces	381	677	204	1675	108	391	773	1407	597	4401	2721	300	733	879	616	1699	908
Plates	6	113	8	28	11	87	73	82	24	128	287	73	10	26	27	168	80
Other	26	207	255	339	1	54	110	115	160	1235	491	38	474	410	110	468	206
WOOD																	
Crab/lobster traps	0	5	0	3	8	5	0	13	6	18	42	9	5	47	3	4	3
Crates	3	3	0	31	0	15	23	9	16	99	77	21	13	3	5	5	18
Lumber	349	151	107	613	29	383	636	357	360	1466	1805	440	260	609	126	280	935
Pallets	6	18	4	12	0	15	41	23	11	74	101	32	5	4	3	3	46
Other	48	32	33	206	1	99	117	56	75	618	333	48	124	150	22	91	134
CLOTH																	
Clothing	182	139	32	188	25	114	177	235	150	775	1173	300	183	358	153	412	662
TOTAL ITEMS/ZONE	15220	11595	5100	33051	3195	19044	24866	28882	20291	79924	83550	30185	15484	20802	10723	30535	37268

TABLE 1(d)

Santa

Santa																
Pinellas	Hernando	Nassau	Pasco	Citrus	Dixie	Jaylor	Jefferson	Walulla	Franklin	Gulf	Bay	Walton	Ocala	Rosa	Escambia	STATE TOTAL
3241	130	295	1979	2179	322	990	13	2339	1085	111	1240	28	729	1838	915	44506
226	1	3	52	183	29	119	6	114	106	1	99	2	20	96	62	3262
194	6	25	86	167	25	92	1	103	122	26	136	4	78	162	237	4468
7	0	0	2	3	0	5	0	10	1	1	18	0	8	25	1	601
29	0	0	8	93	6	11	1	27	33	3	101	2	11	84	116	7041
1774	0	195	1012	350	43	0	0	570	69	37	308	14	379	519	236	16232
151	0	5	66	42	30	6	0	46	21	1	26	2	5	27	12	1667
352	0	2	24	4	0	0	0	4	30	6	62	23	51	97	86	2999
48	1	1	6	4	0	1	0	4	3	4	6	3	14	47	32	469
46	1	0	7	17	1	14	0	10	26	12	40	11	13	66	27	840
155	1	1	26	50	4	19	0	13	57	4	65	1	1	42	16	1068
532	1	12	105	124	31	0	0	78	47	70	264	44	173	130	69	5022
1943	0	78	366	511	28	3	1	336	117	94	173	39	491	947	351	16700
46	2	10	56	292	49	23	0	119	51	4	58	1	83	76	57	2735
3895	32	155	968	3085	284	744	42	2089	1068	111	1234	56	719	1557	914	40902
131	0	18	37	166	6	128	2	138	165	1	48	5	21	70	41	2482
52	0	6	31	594	13	4	0	197	25	3	37	5	29	14	41	2055
13	0	0	5	22	5	8	2	78	54	0	2	0	0	10	6	473
10	0	0	8	27	1	5	0	1	15	1	17	0	0	2	5	278
0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	46
570	11	12	153	133	21	13	3	108	67	3	125	15	108	160	76	4741
971	1	7	222	455	1	0	0	96	97	8	103	12	291	509	199	6446
141	0	4	47	64	10	2	0	91	15	41	41	5	19	66	26	1921
487	2	76	173	894	20	6	3	119	52	4	103	20	64	129	49	5111
642	5	71	160	185	72	6	0	173	133	29	94	5	169	321	174	5466
482	7	60	131	146	33	22	0	110	100	44	108	38	141	201	50	4054
456	3	25	110	161	54	16	3	85	110	10	67	12	119	186	82	3946
1112	0	58	163	266	33	69	0	226	107	50	109	13	136	470	240	7581
778	4	26	73	265	26	0	0	53	42	1	24	7	96	195	37	3159
3918	12	773	772	306	70	45	2	557	481	114	996	114	807	1262	7429	29945
128	0	3	19	123	6	27	1	55	59	16	82	0	7	134	58	1951
566	29	56	176	352	10	3	0	99	215	5	129	112	145	127	135	6838
22	0	0	13	2	0	1	0	21	0	0	4	0	0	0	0	263
81	0	0	0	7	0	5	3	13	10	0	9	2	3	4	3	421
1783	0	36	189	249	15	25	0	256	218	31	662	56	319	248	185	13198
20	0	1	2	2	0	2	0	1	6	0	10	3	14	16	7	482
424	0	12	38	63	4	3	1	17	17	14	60	24	80	187	43	3174
912	9	52	244	217	24	44	0	183	144	13	274	43	161	259	98	7985
71913	519	3372	14128	22941	2331	5747	205	15277	10018	2306	25641	2911	12462	28647	16437	704780

TABLE 2.

Preliminary Results 1990 Florida Coastal Cleanup

County		Volunteers	Miles	Pounds	Items
Nassau		63	16.3	800	3372
Duval		397	39.5	35919	15220
St. Johns		168	16.0	1884	11595
Flagler	East	83	18.0	980	5100
Volusia	Coast	506	16.5	2321	33051
Brevard		600	50.0	4081	3195
Indian River		636	32.0	4700	19044
St. Lucie		602	10.0	6425	24966
Martin		1213	7.0	32665	28882
Palm Beach		1056	42.0	15000	20291
Broward		1535	32.3	13300	79924
Dade		1378	57.8	13495	83550
<hr/>					
Monroe	Keys	388	19.0	17027	30185
Dry Tortugas		30	2.3	1656	included above
<hr/>					
Collier		397	80.0	5932	15484
Lee		1000	40.0	12000	20802
Charlotte		435	48.0	6610	10733
Sarasota		154	12.5	610	30535
Manatee		435	43.0	13200	
Hillsborough		2400	70.0	60410	37368
Pinellas		1583	160.0	86720	71913
Pasco	West	524	30.0	7160	14128
Hernando	Coast	14	?	245	519
Citrus		630	42.0	18660	22941
Dixie		28	4.0	400	2331
Taylor		56	3.0	4100	5747
Jefferson		9	4.0	50	205
Wakulla		337	27.0	6361	15277
<hr/>					
Franklin		163	17.0	812	10018
Gulf		36	12.0	1268	2306
Bay	Panhandle	362	19.0	5192	25641
Walton		33	6.0	194	2911
Okaloosa		235	13.8	4000	12462
Santa Rosa		332	13.0	2810	28647
Escambia		595	45.0	12680	16437
<hr/>					
Totals		18413	1047.95	399667	704780

By Region

East Coast	8237	337.4	131570	328190
Keys	418	21.25	18683	30185
West Coast	8002	563.5	222458	247983
Panhandle	1756	125.8	26956	98422



Center for Marine Conservation

Formerly Center for Environmental Education. Est. 1972

Contact: Gina Ruiz

(813) 895-2188

IMMEDIATE RELEASE

OCTOBER 22, 1990

OVER 18,400 FLORIDIANS MAKE SEPTEMBER'S BEACH CLEANUP NATION'S LARGEST

(St. Petersburg)...The third Florida Coastal Cleanup, organized by the Center for Marine Conservation (CMC), held the morning of September 22, was the largest single state cleanup ever in the nation's history. Over 18,400 volunteers scoured 1,047 miles of Florida beaches. And over 399,000 pounds of debris were picked up and catalogued for the Center's 1990 report to be released next spring.

Gina Ruiz and Dr. Edward Proffitt of the Center's Florida office applaud the many citizens of the state and the many organizations and individuals who supported this year's cleanup. Ruiz said, "Floridians can hold their heads high as turnout for this past September's cleanup was phenomenal. The people of Florida realized that in many ways, the future of this state, both economically and environmentally, are tied to clean coasts and beaches. What is encouraging is that a statewide commitment exists to protect our valuable coastal resources and the wildlife that frequent and inhabit our shores."

The Center for Marine Conservation is the leading organization dedicated solely to the protection of marine and coastal wildlife and their habitats. The Center's headquarters is in Washington, D.C. with regional offices in Hampton, Virginia; St. Petersburg, Florida; Austin, Texas; San Francisco, California; and Cambridge, England.

PRELIMINARY RESULTS
FOR THE FALL CLEANUP 1990

<u>COUNTIES</u>	<u>VOLUNTEERS</u>	<u>MILES</u>	<u>POUNDS</u>
ALACHUA	45	5	72
BAY	362	19	5,192
BROWARD	1,535	32.3	13,300
BREVARD	600	50	4,081
CHARLOTTE	453	48	6,609.5
CITRUS	630	42	18,660
COLLIER	397	80	5,931.75
DADE	1,378	57.8	13,495
DIXIE	28	4	400
DRY TORTUGAS	30	2.25	1,656
DUVAL	397	39.5	35,919
ESCAMBIA	595	45	12,680
FLAGLER	83	18	980
FRANKLIN	163	17	812
GULF	36	12	1,268
HERNANDO	14	?	245
HILLSBOROUGH	2,400	70	60,410
INDIAN RIVER	636	32	4,700
JEFFERSON	9	4	50
LEE	1,000	40	12,000
MANATEE	435	43	13,200
MARTIN	1,213	7	32,665
MONROE	388	19	17,027
NASSAU	63	16.3	800
OKALOOSA	235	13.8	4,000
ORANGE	?	?	?
PALM BEACH	1,056	42	15,000
PASCO	524	30	7,160
PINELLAS	→1,583	→160	→86,720
SANTA ROSA	332	13	2,810
SARASOTA	154	12.5	610
ST. JOHN	123	11	1,812
ST. LUCIE	602	10	6,425
TAYLOR	56	3	4,100
VOLUSIA	506	16.5	2,321
WAKULLA	337	27	6,361
WALTON	33	6	194
<hr/>			
<u>TOTALS</u>	18,431	1,047.95	399,666.25

(181.6 TONS)

Preliminary Florida cleanup statistics

Dead animals

324 fish
32 birds
26 rays
12 sea turtles
7 crabs

Dead animals who were entangled in monofilament

4 fish
9 birds
2 crabs

Medical Debris

209 items -- 169 syringes
6 IV bags
34 other

Pounds of Monofilament = 374.95 lbs

Foreign Countries

Australia	1
Brazil	1
Britain	2
Canada	3
China	2
Columbia	1
Costa Rica	1
Chek.	1
Denmark	2
Dominican Rep	1
France	6
Germany	9
Greece	3
Guatemala	1
Holland	2
India	1
Italy	2
Jamacia	1
Japan	6
Malaysia	1
Mexico	2
Norway	2
Sand Bruno	1
Spain	1
USSR	1
Venezuela	15
Yugoslavia	1

Total 78 items from 27 countries

Cruise Lines

Caribbean Cruise	1
Carnival	4
Commodore	4
Emerald Green	1
Fantasy	1
Fun Ships	7
Glass Bottom	1
Royal Caribbean	1
Royal Carnival	6
Windjammer	1
Total	<hr/> 27 items from at least 10 vessels



Center for Marine Conservation
Formerly Center for Environmental Education, Est. 1972

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(202) 429-5609
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FOR IMMEDIATE RELEASE
NOVEMBER 9, 1990

FALL 1990 INTERNATIONAL BEACH CLEANUP DRAWS OVER 100,000

(Washington, D.C.)...Early results are in and the 1990 fall international beach cleanup was a tremendous success. Over 100,000 participants volunteered their time for cleaner beaches while helping the Center for Marine Conservation (CMC) collect valuable information on beach debris. Cleanup volunteers documented every scrap of trash collected to assist policymakers in solving this international problem, while fingering those who violate anti-pollution laws along our coasts and at sea.

Patty Debenham, coordinator of the national beach cleanup for the Center, called the turnout a confirmation of the worldwide concern over the plight of our coasts and beaches. "From Alabama to Alaska, and from Canada to Japan, people have taken it upon themselves to rid our coasts and beaches of deadly trash, trash that kills wildlife by the tens of thousands every year."

According to Lisa Younger, CMC's national database coordinator, "What is really encouraging is that public awareness and concern are now worldwide as Japan, Taiwan, and Guatemala held cleanups for the first time this year." Continued Younger, "This truly is an international problem which requires cooperative international solutions. We urge all coastal nations to vigorously pursue and, more importantly, prosecute all polluters in national and international waters. Finally, the United States needs to take the lead and increase enforcement monies for the U.S. Coast Guard and set a standard for the rest of the world to follow."

-over-

Preliminary results show that Florida, California, and Texas held the largest cleanups. As the enclosed fact sheet reveals, trash was picked-up and catalogued on CMC data cards along 3,000 miles of beach. The data will be compiled state-by-state and country-by-country, and the results made public prior to Memorial Day 1991. The data results will then be made available to local and national policymakers throughout the world. From this information, we can better understand the scope of the problem, seek to prosecute violators, and propose solutions to this growing marine problem.

The National Beach Cleanup, part of CMC's Clean Ocean Campaign, is supported by the Center's 110,000 members and special contributions from the Environmental Protection Agency; National Oceanic and Atmospheric Administration; the Council for Solid Waste Solutions (a division of the Society of the Plastics Industry); Dow Chemical Co., Kettering Family Fund; NAPCOR; Patagonia; Professional Association of Underwater Instructors; Fathom Cologne; Amoco Foundation; Faber Castell Pencils; GLAD bags; and 7-Eleven stores. Lastly, CMC greatly appreciates involvement from King Features, who has allowed us to use Popeye the Sailor as the official mascot of the Clean Ocean Campaign.

The Center for Marine Conservation is the leading organization dedicated solely to the protection of marine wildlife and their habitats. The Center's headquarters is in Washington, D.C. with regional offices in Hampton, Virginia; St. Petersburg, Florida; Austin, Texas; San Francisco, California; and Cambridge, England.

-CMC-



Center for Marine Conservation

PRELIMINARY RESULTS FROM 1990 NATIONAL BEACH CLEANUP

STATE	NUMBER OF VOLUNTEERS	MILES OF BEACH CLEANED	POUNDS COLLECTED
ALABAMA	2,618	62	14,340
CALIFORNIA	16,122	368	250,834
CONNECTICUT	751	41	20,130
DELAWARE	3,500	72	30,116
FLORIDA	18,431	1,048	399,666
GEORGIA	200	25	16,000
HAWAII	5,000	*	*
ILLINOIS	77	0.75	771
INDIANA	13	0.5	230
LOUISIANA	6,000	76	250,000
MAINE	2,026	115	20,335
MARYLAND	734	46	32,613
MASSACHUSETTS	4,200	200	70,000
MISSISSIPPI	1,814	106	44,000
NEW HAMPSHIRE	491	14	10,520
NEW JERSEY	200	6	2,000
NEW YORK	2,800	71	84,000
NORTH CAROLINA	10,000	350	330,000
OREGON	2,665	120	43,200
PENNSYLVANIA	74	4	742
PUERTO RICO	*	*	*
RHODE ISLAND	1,100	25	20,000
SOUTH CAROLINA	3,262	*	71,069
TEXAS	15,822	186	466,540
VIRGINIA			
Ocean Beaches	220	20	25,000
Chesapeake Bay	830	27	9,079
VIRGIN ISLANDS	150	0.25	30,000
WASHINGTON			
Ocean Beaches	850	60	176,000
Puget Sound	2,288	33	29,400
INTERNATIONAL PARTICIPATION			
CANADA			
New Brunswick	439	14	24,317
JAPAN	700	*	*
MEXICO	350	7	4,000
TOTALS	103,727	3,097.5	2,474,902

*** denotes information not yet available



FLORIDA COASTAL CLEANUP



Join in!

Saturday, Sept. 22, 1990, 9AM-Noon

Sponsored by



Center for Marine Conservation

One Beach Drive, St. Suite 304, St. Petersburg, FL 33701 (813) 895-2188

More than 100 clear trash from the beaches

By WENDY FULLERTON

News-Press Staff Writer

Amid sunbathers and swimmers, the beaches were filled Saturday with trash pickers and pickers.

As part of the the Fourth Annual National Coastal Cleanup Day, more than 100 people turned out for a glorious morning filled with garbage.

From Lovers Key and Bonita Beach to Naples Pier and Marco Island, clear, plastic Glad bags became filled with cigarette butts, soda and beer cans, shoes, and even tires, mud flaps and a pair of ladies stockings.

In Naples, the majority of debris picked up was cigarette butts, according to R1 Tarnpoll, one of the participants.

"They ought to give a rebate for butts,

maybe people would take them with them when they leave," she said.

Tarnpoll and her husband, Mike, covered a half-mile of beach near Naples Pier.

Having just moved to Naples from Connecticut because of their love of the environment, they felt they should take part in the cleanup.

"We thought it would be proper to share and take care of it," said the avid beachgoers.

Collier County's coordinators were the Conservancy and the Everglades National Park.

Clad in gloves, Clarence Banister, a Bonita Springs resident, combed through the grass and waters of Fish Trap Bridge with a plastic poker, spearing cans and paper products wherever he saw them.

A 1,000-pound scale awaiting bags of gar-

bage sat in the parking lot at Bonita Beach.

New Pass seemed to be the area that had the most debris. More than four truckloads of garbage were brought back for weighing.

The biggest find for the day could not be lifted by one man alone. A broken, barnacle-encrusted boat was marked and a truck was sent to pick it up.

With the state slogan, "take pride gulf wide," the Citizens Association of Bonita Beach (CABB) coordinated cleanup for 20 miles of beach and passes in south Lee County and north Collier County.

The Naples Boys Scout Troop 38 gave up a weekend of camping to participate in the cleanup.

Lee County Commissioner Ray Judah staked out Lovers Key as his cleanup territory.

Other officials who attended included Lee County commissioners Doug St. Cerny and Bill Fussell and State Rep. Tim Ireland, R-Cape Coral.

CABB president Marge Ward attributes her organization's efforts to Fussell, who led the commission to keep fees of the beach in 1985. Ward had attended that meeting and stated that they would clean the beach and Fussell said that they've been "true to their word," out there 365 days of the year.

Volunteers from both counties collected and recorded the amounts and types of debris to provide research information on the origin and types of garbage found on Florida's beaches.

All of the information is then placed into a book of data and information by the Center for Marine Conservation. Ward said she had

just received the book from the 1989 cleanup.

Volunteers at Bonita Beach were awarded at lunchtime with hot dogs and hamburgers donated and cooked by McCully's Rooftop Restaurant owner Joe McCully. King Bigelow, manager of the Bonita Beach Road Domino's, donated pizza for the hungry garbage-pickers. Publix and Florida Choice also pitched in with food.

All of the aluminum that was found will be recycled and the money will be given to the Supporters of Delnor-Wiggins Pass, an organization that benefits the state park.

The amount of garbage had not been tallied Saturday. Ward said that it would probably take all day Sunday to do.

Last year, more than 16,000 pounds of debris was collected in Lee and Collier counties.

LOCAL NEWS



BARRY C. ALLEN/Staff Photographer

Volunteers at Saturday's cleanup found fishing twine, cans and cigarettes, as well as tires, batteries, 55-gallon drums and a washer and dryer.

1,300 clean up Treasure Coast beaches

Volunteers find birds dead in fishing line

By TERESA LANE
Palm Beach Post Staff Writer

Most of the 1,300 or so volunteers who scoured Treasure Coast beaches in search of garbage Saturday had merely seen television accounts or read of what happens when fishing twine and plastic six-pack rings come in contact with birds and ocean wildlife.

Judy Gersony, a member of the Treasure Coast Sierra Club, saw the tragedy firsthand Saturday when she and other animal lovers paddled across the Indian River to a spoil island and found five dead birds shrouded in a web of fishing line.

Two other birds, a pelican and a black-crowned night heron, managed to survive the maze of line on Bird Island, but the heron was so badly injured it required treatment at the Treasure Coast Wildlife Hospital in Martin County.

Organizers of the third annual National Coastal Cleanup said stories such as Gersony's are why the annual beach scourings are so important — not only to make the beaches more inviting to humans, but also to protect the ever-dwindling number of animals that remain as Florida develops its coast.

Hundreds of children who combed beaches in search of cups, cans and

plastic Saturday morning knew that message. Many said they would give up a Saturday morning of cartoons every month to protect the creatures they've seen at Sea World or read about in school.

"They say the six-pack rings can kill the sea turtles, and animals can choke on the cigarette butts," said 12-year-old Shannon Farrell of Port St. Lucie. Shannon picked up two trash bags of garbage from Waveland Beach in St. Lucie County with her mother and friend.

"These beaches are still a lot cleaner than Fort Lauderdale," said Shannon, who recently moved from that city. "I want to help keep the water from being polluted."

Sponsored locally by the Florida Oceanographic Society and the Wild-

life Hospital, the cleanup drew 700 people to Martin County beaches and 600 in St. Lucie County.

Although the trash of choice by far was miles of fishing twine, soda cans and cigarette butts, volunteers also reported lugging tires, batteries, 55-gallon drums and even a washer-and-dryer set from area coastlines.

A handful of medical syringes, needles and medical vials were reported at Normandy Beach, Hermann's Bay, Bob Graham Beach and Bathub Beach.

The weight of the garbage won't be known until Monday, but Oceanographic Society spokesman Mark Perry said Martin workers collected 750 large bags — about a third of which can be recycled, he said.



Tribune

SECTION C

SUNDAY, September 23, 1990

TREAS



Diane Wilson/The Tribune

Kyle Fluegel, 7, of Fort Pierce found more than one use for the bag he toted as he helped clean up North Beach Saturday.

Volunteers clean 10 miles of beach

Paul Owers
TRIBUNE STAFF WRITER

If you checked the contents of just about any garbage bag on any St. Lucie County beach on Saturday morning, you'd probably find the usual items such as soda cans, cigarette butts and fishing line.

Then there were the trash sacks that contained some pretty atypical stuff: Bullets. Shoe polish. A training bra?

At least it can be said the day wasn't dull.

More than 600 volunteers, along with their peers around the state, participated in Coastal Cleanup to gather the debris that has accumulated on the beaches in the last year.

The volunteers cleaned about 10 miles of beaches, said Pat Ernest, the county cleanup coordinator.

"If we can clean up some of this stuff, the better off we'll be," Ernest said.

On South Beach alone, volunteers col-

'If we can clean up some of this stuff, the better off we'll be.'

— Pat Ernest

lected 6,425 pounds of non-recyclable garbage, said Richard Futch of the county Parks and Recreation Department.

Many of the items collected during the three-hour event will be recycled and analyzed. If officials can determine the source, it could help bring about legislation to prevent damage to the environment, Ernest said.

The young and old did their part, and the future was on the minds of many.

"This is really important because these will be the kids' beaches," said Denise Blanton, captain of the South Beach cleanup. "It's important to be aware

because these are the people that one day will make the decisions about the beaches and the environment."

Administrators from the Little Red Schoolhouse and St. Andrew's Episcopal School said the day was a good opportunity for parents and the children to spend time together.

"It also helps build the children's awareness of environmental issues," said Kathleen Forsman, director of the Little Red Schoolhouse, a child-care center.

"Once habits are formed, it's hard to turn people around. We want to start when they're young.

"Anytime we take the kids places, like the parks or beaches, we emphasize not to leave messes behind. It's a daily thing. You can't be environmentally aware once a year."

Twelve members of the Fort Pierce

Turn to **BEACH/C3**

Tribune

SECTION B

PORT ST. LUCIE

TUESDAY, August 28, 1980



Workers set to clean up the beaches

Gloria Taylor Weinberg
TRIBUNE STAFF WRITER

California's beach boys (and girls) once again have challenged Florida beach lovers to see which state can turn out the most volunteers for this year's nationwide Coastal Cleanup, set for Sept. 22.

With your help, they won't stand a chance.

Florida's track record is good. The state has come out on top each year, and last year nearly 5,000 more Floridians volunteered to help rid our beaches of plastics and other trash than showed up for the cleanup in California.

Nationwide, 65,636 volunteers collected 861 tons of trash from 3,000 miles of

Turn to **BEACHES/B2**

Beaches

From B1

shoreline last year during the Coastal Cleanup.

In St. Lucie County, 570 volunteers stooped and scooped more than six tons of debris from the county's 22 miles of beach.

Pat Ernest, coordinator for St. Lucie County, is appealing for volunteers to sign up early.

"It's essential that those wishing to participate sign up in advance," Ernest said.

She said volunteers should give their names, telephone numbers, the number of people in their cleaning parties and where they prefer to work, if they have a preference.

Those without a preference will be assigned one of the nine area beaches targeted for cleanup — Waveland Beach, Normandy Beach, Herman's Bay, Walton Rocks Park, Frederick Douglass Park, John Brooks Beach, Surfside Park, South Beach Boardwalk and Pepper Beach Park.

The Coastal Cleanup is backed by the Center for Marine Conservation, a national non-profit organization concerned with pollution control along coastal waters and shorelines.

Discarded fishing line and plastic six-pack rings pose a particular threat to sea turtles as well as pelicans and other marine life. Bottles, driftwood and other debris can be a problem for hatchling sea turtles, which have to go around or over the obstacles on their way to the sea.

Volunteers should bring gloves, suntan lotion and bug spray for the cleanup, which starts at 9 a.m. and ends at noon.

For information, or to volunteer, call Ernest at 879-1481.

Annual beach cleanup set for Sept. 22

By ROGER HILL
Managing editor

More than 1,000 volunteers are expected to scour Martin and St. Lucie counties for litter on Saturday, Sept. 22, as part of the National Coastal Cleanup, sponsored by the Center for Marine Conservation.

Nine St. Lucie County beaches will be policed by volunteers this year, while in Martin County efforts will expand to include not only beaches but upland areas, too. "The Coast is Clear" is the slogan for the latter.

"Based on what happened last year, we've expanded the effort beyond the beaches," said Gary Guertin, spokesman for the Florida Oceanographic Society, one of the co-sponsors of the effort. "We were done by 9:30 last year and certainly the marine environment

doesn't stop at the beaches." Other changes also are in store for the Martin County cleanup, Guertin said. This year, area Chambers of Commerce will coordinate the efforts in their districts, while FOS will handle parts of Hutchinson Island and Jupiter Island. And due to the increasing number of volunteers that have participated each year, FOS is no longer hosting a beachside party following the cleanup.

"We're trying to concentrate our efforts on research and education," Guertin said, adding that he expects the Chambers of Commerce to host smaller post-cleanup parties in their communities.

The cleanup in St. Lucie County is being coordinated by Pat Ernest

of the Treasure Coast Wildlife Hospital.

The St. Lucie sites scheduled for cleanup include: Waveland Beach, Normandy Beach, Herman's Bay, Walton Rocks Park, Frederick Douglas Park, John Brooks Beach, Surfside Park, South Beach Boardwalk and Pepper Beach Park.

Officials of both efforts stressed that volunteers must register ahead of time to participate in the cleanup.

Last year, 65,363 volunteers participated nationwide in the Coastal Cleanup, collecting 861 tons of trash from 3,000 miles of shoreline. In Florida, 14,632 volunteers cleaned up more than 900 miles of beaches and inland water-

Last year, 65,363 volunteers participated nationwide in the Coastal Cleanup, collecting 861 tons of trash from 3,000 miles of shoreline.

St. Lucie County's 570 volunteers combed 12 miles of beaches, collecting more than six tons of debris, including four tons of plastic. In Martin County, 625 volunteers picked up another six tons from 22 miles of beach.

Ernest reported that Florida, with nearly 15,000, had 50 percent more volunteers than the larger and more populous state of California. This year, she said, the California sponsors of the cleanup have issued a challenge Florida to see which state will garner the most volunteers.

According to Ernest, the local effort has four goals:

- To record number, weights and types of all trash collected

from beaches.

- To remove from the coastal environment debris which is potentially injurious or deadly to marine and shore life.

- To increase public awareness of the marine-debris and beach-litter problem.

- To show California and the rest of the country that the citizens of Florida are proud and protective of their beaches and coastal resources and are willing to demonstrate that pride and commitment by turning out in record numbers on Sept. 22.

To volunteer in St. Lucie County, call Ernest at 879-1481.

To volunteer in Martin County, call FOS at 225-0505 or the Chamber of Commerce in your community.

- Stuart/Martin County — 287-1088.
- Jensen Beach — 334-3444.

How to volunteer for beach cleanup

To volunteer for the Sept. 22 beach cleanup in St. Lucie County, call Pat Ernest at 879-1481.

To volunteer in Martin County, call the Florida Oceanographic Society at 225-0505 or the Chamber of Commerce in your community.

- Stuart/Martin County — 287-1088.
- Jensen Beach — 334-3444.
- Palm City — 286-8121.
- Hobe Sound — 546-4724.
- Indiantown/Port Mayaca — 597-3129.

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- Hobe Sound — 546-4724.
- Indiantown/Port Mayaca — 597-3129.

1990 Coastal Cleanup

The annual National Coastal Cleanup sponsored by the Center for Marine Conservation, will be held Saturday, September 22, 1990 from 9:00 a.m. until noon. All volunteers must sign up in advance. In St. Lucie County, call Pat Ernest of the Treasure Coast Wildlife Hospital at 879-1481 to register. When calling, volunteers should be prepared to provide their name, a contact number, the number of people in their cleanup party, and their preferred beach. Nine St. Lucie County public beaches are targeted for the cleanup: Waveland Beach, Normandy Beach, Herman's Bay, Walton Rocks Park, Frederick Douglas Park, John Brooks Beach, Suriside Park, South Beach Boardwalk and Pepper Beach Park. For those having no preference, beaches will be assigned based on proximity and travel convenience.

Last year 65,636 volunteers participated nationally in the Coastal Cleanup, collecting 861 tons of trash from 3,000 miles of shoreline. In Florida, 14,632, the largest number ever to participate in a state-wide cleanup, turned out to clean over 900 miles of beaches and inland waterways. In St. Lucie County, 570 volunteers combed 14 of the county's 22 miles of coastline, collecting in excess of 6 tons of marine debris. Seventy-four percent of the items collected were plastic.

In each previous cleanup, Florida has outnumbered California in the number of volunteers participating. Last year nearly 15,000 turned out in Florida, while only 10,000 participated in California. This year California has issued a challenge to Florida. They claim they will not only have more participants, but will also surpass Florida's record turnout on 1989.

The September 1990 cleanup has four goals: 1.) To record numbers, weights, and types of all trash collected from our beaches. 2.) To remove debris from the coastal environment which is potentially injurious or deadly to marine and shore life. 3.) To increase public awareness of the marine debris and beach litter problem. 4.) To show California and the rest of the country, once again, that the citizens of Florida are proud and protective of their beaches and coastal resources and are willing to demonstrate that pride and commitment by turning out in record numbers on September 22.

TALK OF THE TOWN

Compiled by Beverly Geist

Do you plan to participate in Beach Clean-up Day on Sept. 22?



MELISSA MAGGIORE

"Yes, I plan to go to the beach clean-up because I think our beaches shouldn't be trashy."



CLIFF HAIRSTON

"Yes, and I think people shouldn't litter."



KAYLYN CASTO

"Yes, because I love going to the beach and I hate trash."



TYLER SMITH

"Yes, I am going to the beach to pick up trash because if people keep littering Panama City Beach, it may not be the world's most beautiful beaches anymore."



JAMISON STILES

"Yes, so we will have better beaches and so that more people will come here."



AMANDA ODOM

"Yes, and I think we shouldn't litter Florida's beaches."

Sept. 25, 1990

Beach Boy News

Bench Bay News ; Sept. 25, 1990

COASTAL CLEANUP

The Center for Marine Conservation invites all Bay Countians to participate in the 1990 Coastal Cleanup which will be held Saturday morning, Sept. 22. Official Cleanup areas so far include St. Andrews State Recreation Area, Shell Island, Tyndall Air Force Base, and Beach Drive. Come prepared with hat, comfortable shoes, sun screen, sunglasses, and work gloves. All the garbage bags you can fill will be provided on site. If you would like more information or would like to clean a beach not mentioned above, call your local coordinator at 234-9856.

Beach • Bay News / Sept. 25, 1990

BEACH CLEANUP

Keppner is organizing the county wide effort

Kathleen Chapman
Beach • Bay News

Lisa Keppner is a Bay County citizen who does more than talk about protecting the environment. She suits her actions to her words.

This month, Keppner is organizing the Beach Cleanup for Bay County. Earlier this year, the brown-haired, hazel-eyed young woman directed Earth Day activities for the county.

She is also a member of St. Andrew Bay Resource Management Association. She handles the RMA's recycling program and has been a scientific advisor to the group.

Earlier this year, the Bay County Audubon Society recognized Keppner for her environmental achievements and named her "Conservationist of the Year."

Keppner's first recollection of "doing anything environmental" is her participation in the first Earth Day, April 22, 1970. She gradually became aware of problems affecting the environment. Now, to her, "it's just normal" to be active in this arena.

"Lots of people are interested in the environment in Bay County," said Keppner. "That's why I like it here so much."

This is the second year that Keppner has organized the Bay County Beach Cleanup. In 1989, the event concentrated on St. Andrew State Recreation Area and Tyndall Air Force Base.

Keppner is pleased to see this year's project expand to include Beach Drive in Panama City, Shell Island, and an area near the Hathaway Bridge.

FRIDAY, SEPTEMBER 21, 1990

Beach cleanup expected to draw 20,000 in Florida

From staff

Hundreds of Northeast Florida residents are expected to hit the beach and waterways tomorrow to participate in a statewide cleanup of litter.

Local volunteers are needed for cleanups on beaches from Fernandina Beach to Crescent Beach. The cleanup crews will work from 9 a.m. to noon.

The project is part of a statewide effort to clean up Florida's beaches, rivers, waterways and reefs. Organizers say the event — the fourth statewide coastal cleanup — is expected to draw 20,000 volunteers.

Last year's cleanup drew 14,000 volunteers who collected more than 200 tons of trash.

Of that, 1 ton was collected by 124 volunteers on Duval County beaches.

Participants will be provided trash bags and data cards to record the types and amounts of trash recovered. The results will be tabulated and entered into a national computer data base.

Much of the trash collected will be recycled, including fishing line and

nets that are harmful to marine life.

In Duval County, volunteers will gather at three locations: Huguenot Memorial Park, the Heckscher Drive fishing pier at Blount Island and Little Talbot Island State Park.

In St. Johns County, cleanup groups will meet at the Guana River State Park south entrance, the Vilano Beach boat ramp, Anastasia State Recreation Area, the Crescent Beach boat ramp and the east side of the Shands Bridge on Florida 16.

In Nassau County, volunteers should gather at the Atlantic Recreation Center or the main beach at Atlantic Boulevard. Both locations are in Fernandina Beach.

Refreshments will be provided following the cleanup. Volunteers should wear comfortable clothing and may want to bring garden gloves, hats and sunscreen.

The cleanup is sponsored by numerous organizations, including the Center for Marine Conservation, a nonprofit marine conservation organization.

*Helping
people
back up*

Page 3



**Teen
Column**

Page 5

*Property tax
increase
set in Nassau*

Page 3

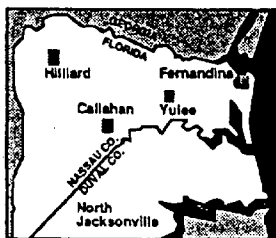
NORTHSIDE/NASSAU COMMUNITY NEWS

The Florida Times-Union

Volume 2, Number 50

Saturday, September 1

Notebook



A time for answers

Louis S. Sheffield Elementary School at 13333 Lanier Road has its open house for parents at 7:30 p.m. Tuesday.

Donna Ayers, assistant principal, said the open house is an opportunity for parents to get answers to all their unanswered questions about curriculum, school rules, homework policies and enrichment programs.

Ribault open house

Parents of students at Ribault Junior High School, 3610 Ribault Scenic Drive, are invited to an open house at the school beginning at 7 p.m. Monday.

Susan Keen, president of the Parent-Teacher Association, said that parents of the school's 1,500 students should report to their child's homeroom class.

The school chorus and band will entertain in the courtyard, but because of the size of the student body, there will be no general assembly program for the parents, Mrs. Keen said.

Huguenot campaign

The Mayor's Teenage Volunteers will participate in a national beach cleanup campaign today by attacking the sand at Huguenot Park on Heckscher Drive.

The teenagers will be at work cleaning the park from 9 a.m. to 1 p.m.

TIDY SHORES

Chris George and Frank Arbusto pitch in to clean up the event was part of a state and national effort to clear beach at Virginia Key on Saturday. The Dade County shores of debris.

CANDACE BARBOT / Miami Herald Staff

Miami Herald



Locals join statewide cleanup of beaches

By CATHY CHESTNUT
News-Press Staff Writer

With bags of trash slung over their shoulders, hundreds of beachcombers looking like tropical Santa Clauses on Saturday were leaving nothing behind them but a snow-white trail.

About 500 Lee County school children, families, and others spent three hours Saturday picking up litter along area beaches during the 4th Annual Coastal Cleanup, a statewide effort.

At Fort Myers Beach, some bushes near a public parking corner on Palm Avenue and Estero Boulevard yielded one used diaper, a pair of discarded pants, three plastic wrappers, two milk jugs, 15 drinking cup lids, seven cigarette butts, 13 cups, 18 straws, six polystyrene cups, 27 glass bottles, three chunks of glass, an aluminum can, two wads of foil, sev-

en empty condiment packages, four paper bags, 10 cardboard cartons, 11 paper cups and some newspaper, all within a three-yard area.

All together, 5,000 pounds of trash were picked up at Fort Myers Beach, said Sharon Oxley, the executive director of Keep Lee County Beautiful.

"I think it's been a big success at this location," she said.

Oxley estimated Saturday afternoon that about 10,000 pounds were picked up from Fort Myers Beach, Sanibel, Pine Island, Estero and Bonita. Georgia Jeppesen, working with the Collier County cleanup, said 2,183 pounds of garbage was picked up there.

Last year 16,000 pounds were picked up in Lee and Collier.

People in Sanibel, for example, picked up much less this year than

See CLEANUP, page 2C

Cleanup From page 1C

they did last. Last year, volunteers reaped 5,380 pounds of coastal litter, but Saturday, only 2,187 pounds were gathered by about 100 volunteers, said Renee Simeoneaux, of Care and Rehabilitation of Wildlife.

A mere five pounds were plucked from Captiva Island.

"Either people are making less trash or high tides could have taken it out," Simeoneaux said. "I think perhaps people are just paying more attention."

Oxley agreed. "We seem to think there was less out there this year, hopefully because of awareness,"

she said.

Nonetheless, some strange, abandoned items surfaced, including a whole toilet, a mattress and a water heater.

Although this was the fourth annual statewide cleanup, Pilot Club International of Fort Myers Beach members said they have been doing it for five years now. Before it became so popular, the women's service used to organize local groups.

Elsewhere in the state, U.S. Environmental Protection Agency administrator William Rely joined Gov. Bob Martinez to pick up cans and pieces of Styrofoam on a spoil island in Biscayne Bay. Martinez proclaimed Sept. 22 Coastal Cleanup Day and urged Floridians to show their concern for the state's environment.

The day is part of a national effort coordinated by the Center for Marine Conservation, which reported that Florida led the nation last year in participation. Last year, 15,000 volunteers picked up 200 tons of debris, ranging from 467 miles of fishing line to hundreds of discarded condoms, participants and trash picked up, along 911 coastal miles.

Meanwhile, Martinez's Democratic gubernatorial challenger, former U.S. Sen. Lawton Chiles, helped pick up trash along Daytona Beach. Both candidates have touted their environmental records in a state in which pollsters say environment is a leading priority of most voters.

U.S. Sen. Bob Graham, D-Fla., probably led the day's political participants in getting down and dirty in the cleanup. Graham made the ef-

fort one of his trademark "workdays," in which he spends days working at various jobs.

Besides keeping beaches clean, volunteers said, it's important to pick up fishing lines that entangle birds and small animals and to remove plastic bags that can be ingested by sea animals.

Following the cleanup, Pilot Club members served hot dogs and cold drinks to the 12 busloads of elementary children.

Eleven-year-old Scott Raider, a 5th grade student at Lehigh Elementary, said this is the second year he's helped out.

"It's fun and it's helping your environment," Raider said. "You shouldn't litter. It ruins your water and air." The Associated Press contributed to this report.

Politicians join constituents in cleanup

By DAN SEWELL
Associated Press

MIAMI — With a brilliant, blazing sun above and plenty of trash below, Floridians, including politicians putting their best environmental foot forward, on Saturday cleaned beaches for the fourth annual Coastal Cleanup Day.

U.S. Environmental Protection Agency administrator William Reilly joined Gov. Bob Martinez to pick up cans and pieces of Styrofoam on a spoil island in Biscayne Bay. Martinez proclaimed Sept. 22 Coastal Cleanup Day and urged Floridians to show their concern for the state's environment.

The day is part of a national effort coordinated by the Center for Marine Conservation, which reported that Florida led the nation last year in participation. Last year, 15,000 volunteers picked up 200 tons of debris, ranging from 467 miles of fishing line to hundreds of discarded condoms, participants and trash picked up, along 911 coastal miles.

Nationally, and in Puerto Rico, Canada and Mexico, about 65,000 people participated last year, the center said.

"Florida's beaches are vitally important to our state, and all Floridians should do their part to keep our beaches safe and clean," Martinez said. "Our efforts today and every day will make sure that our beaches can continue to be enjoyed for generations to come."

Martinez, in jeans and checked shirt, found most of the trash was already accounted for by a group of teen volunteers by the time he arrived. His entourage, which came by Florida Marine Patrol boat from Key Biscayne, included his wife, Mary Jane, Reilly and presidential son Jeb Bush and Secret Service agents.

Meanwhile, Martinez's Democratic gubernatorial challenger, former U.S. Sen. Lawton Chiles, helped pick up trash along Daytona Beach. Both candidates have touted their environmental records in a state in which pollsters say environment is a leading priority of most voters.

U.S. Rep. Dante Fascell of Miami boated to the Key Largo National Marine Sanctuary for the cleanup.

U.S. Sen. Bob Graham, D-Fla., probably led the day's political participants in getting down and dirty in the cleanup. Graham made the effort one of his trademark "workdays," in which he spends days working at various jobs.

Wearing T-shirt, shorts and a baseball hat against the sun, Graham used "sweat and plastic bags" for his 24th workday near the Gandy Bridge at Tampa Bay.

Thirty-five to 40 sites were targeted in the Tampa Bay area for the volunteer cleanup drive.

Graham joined some 400 volunteers who waded into the surf and patrolled the beach for debris.

Besides keeping beaches clean, volunteers said, it's important to pick up fishing lines that entangle birds and small animals and to remove plastic bags that can be ingested by sea animals.

"When Florida was a smaller place, people were of the mindset that the beach was everybody's garbage can with an unlimited capacity to absorb whatever they threw into it," Graham said. "Florida's coastline is defined by its beaches just like some areas of the country are defined by their mountains. Just by not dumping bags of trash out of boats will help, polite and thoughtful things to do will help tremendously to protect our coast."

Foreign volunteers joined students in the cleanup at the Gulf Islands National Seashore in the Florida Panhandle.

They hit the beaches at Fort Pickens, Santa Rosa and Okaloosa areas on Santa Rosa Island, Naval Live Oaks area in Gulf Breeze and Perdido Key area west of Pensacola near the Alabama-Florida state line.

Among those participating were nine volunteers from Holland, Germany, France and England, who are spending three weeks at the Gulf Islands through Sept. 29 at an international work camp.

They pay their own way to the United States and the National Park Service provides tents and food.

*Naples Daily News
Sept. 23, 1990*

NSB OBSERVER Feb 21, 1990

Big turnout expected for beach cleanup

BY GARRY MATLOW

Organizers are looking for a big turnout Saturday morning when volunteers collect and catalog trash along Volusia County beaches during the annual Florida Coastal Cleanup.

"The volunteers are coming, they're calling," said Rita Alexander-Block. "We're as excited as can be."

The event begins at 9 a.m. and runs until noon. Southeast Volusia staging areas are the Flagler Avenue and 27th Avenue beach parking lots and Canaveral National Seashore.

Alexander-Block said volunteers can show up anytime during those three hours, and can help out as long as they are able. "If they can just stay for 20 minutes, that's fine," she said.

Last year some 200 volunteers walked Southeast Volusia beaches and collected more than a ton of debris, including an athletic supporter, a steering wheel, syringes, a broom and a full can of beer.

But 84 percent of the haul was plastics and polystyrene foam, which pose a danger to sea turtles and marine life who become entangled in fishing lines or mistake plastic bags for food.

Part of the nationwide cleanup effort, sponsored by the Center for Marine Conservation, involves cataloging trash by type with the statistics being used to educate the public and lobby governments for new reg-

See Beach/Page 5A

From page 1A

Beach

ulations.

The volunteers also will collect information used by the center to pinpoint sources of trash and prosecute violators. For example, garbage with labels from foreign countries, cruise lines or commercial fishing vessels will be given to the Coast Guard as evidence to put violators on notice and prosecute where possible.

The more mundane items also will serve a purpose.

"We will be recycling everything we can," Alexander-Block said, noting that in past years Scout troops have benefited from the recyclable aluminum, plastic and glass that was collected.

As an extra incentive, she said, Center for Marine Conservation hats will be presented to workers who find the out-of-the-ordinary items.

Alexander-Block said that this year, for the first time, the beach cleanup also will be taking place on the Daytona Beach side of the inlet. In previous years Halifax area groups assisted with efforts at Canaveral National Seashore.

Statewide, some 14,500 volunteers participated last year and a Center for Marine Conservation spokesman said more are expected this year because of a growing environmental awareness among Floridians.

"No question about it," said Alexander-Block in agreement. "It's just incredible how many more people are becoming aware of our fragile ecosystem."

For more information on the cleanup effort, call Alexander-Block of Greenpeace International at 427-9420, Rhonda Donahoo-Gumto of the South Volusia Sea Turtle Society at 423-5629 or Sandra Hines of Canaveral National Seashore at 428-3384.

Sept 1990

Florida ENVIRONMENTALISTS

Record turnout expected for Sept. 22 beach cleanup

This year's Beach Clean up is expected to be the biggest yet, with Florida's chapter of the Center for Marine Conservation marshalling forces to meet an informal challenge from CMC's California group. Florida needs to field some 20,000 volunteers this September 22 in order to lead the

nation—and California—in beach clean up participants.

Over 27 states are participating this year with an expected turnout of over 100,000 people. Contact the Zone Captain in your area for details on how you or your organization can help.

It's a day at the beach!

Naples Daily News, 9.23.90

Volunteers pick up where trash left off

Naples Daily News 9.23.90

By KRISTY GOODFELLOW
Staff Writer

AHHHHH! The beaches are beautiful once again.

About 400 volunteers donned gardening gloves and mosquito repellent to collect trash on Collier County's beaches and at the Rookery Bay estuary Saturday as part of the Florida Coastline Cleanup.

"I'm impressed with the number of different groups and the number of people involved," said Georgia Jeppesen organizer of the Collier Cleanup. "It's incredible the amount of community support."

Jeppesen helped organize groups from Barron Collier High School, Naples High School and Edison Community College at Rookery Bay Saturday.

We should help clean it up because we're going to be living here."

— Ann Walsh, Naples marine biology student

She said, "I wanted the students to be aware of this pristine area."

The students dragged themselves out of bed early on a Saturday morning for the 9 a.m. cleanup for many reasons.

Frances Turner, an ECC student, joked that she was there to do her civic duty and get some extra credit.

But she added that she came because Jeppesen told her class that if they collect enough garbage from one source, they will show the statistics to the company that produces the garbage.

Jeppesen said they hope the company will want to improve its image on preserving the environment and will do something about the problem.

A company might just print "Please Dispose of Waste Properly" on the side of a can or it might contribute money toward educating young people about environmental problems, she said.

About 20 students from Barron Collier came out for the cleanup as part of the first of 15 community service projects they will be participating in this year.

"This is part of Barron

Collier's program to help the community out in thanks for the scholarships," said Tim Duncan, student body president.

Junior class president, Christina Dukes, said that the students are trying to give something back to the community.

Naples High marine biology student Ann Walsh simply said she was there, "because I care."

"We should help clean it up because we're going to be living here," Walsh said.

Jeppesen said that last year 331 volunteers covered 51 miles of beach. Statewide 14,000 volunteers scoured 900 miles of beach and collected and classified 200 tons of garbage.

This year, Jeppesen said, more people volunteered to help in the cleanup. How many tons of trash were collected won't be known until a count can be completed.

Naples Daily News, Sept. 23, 1990

Cleaning up the beaches

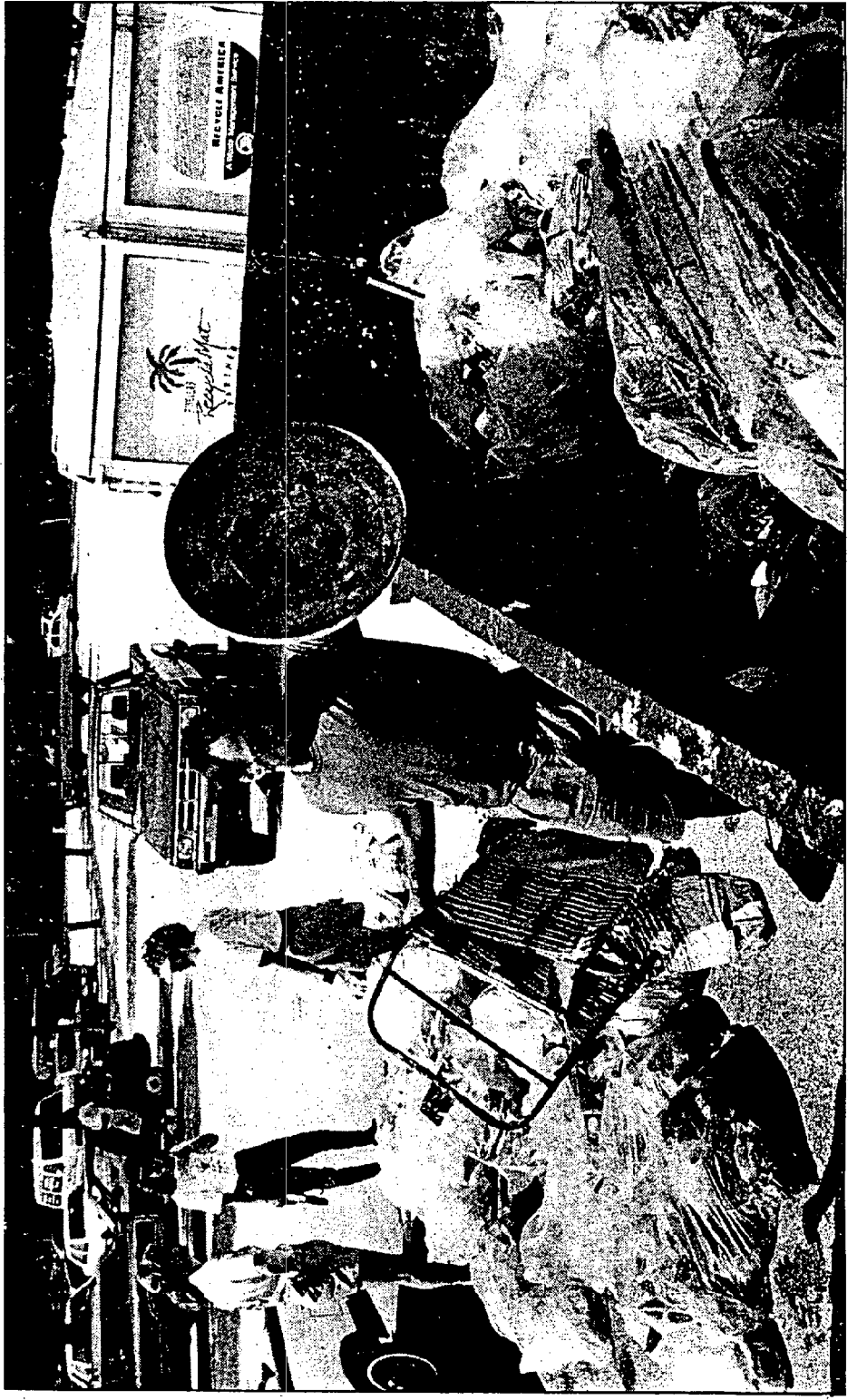
*Naples Daily News
9.23.90*



Staff photo by Kim Welmer
Mara Ludwig picks up a piece of not-so-nice trash Saturday while on Naples Beach near Central Avenue. Ludwig, with the First Christian Church in Naples, was one of more than 400 people in Collier County who showed up to participate in the statewide Coastal Cleanup. See story, Page 1B.

ST PETE TIMES SAT 23 SUN

Putting a dent in trash



Times photo — CHERIE DIEZ
Chub Davies, a volunteer from St. Petersburg, disposes of County. The Tampa Bay cleanup was part of a statewide trash collected Saturday at Fort De Soto Park in Pinellas effort to rid Florida's beaches of debris.

TAMPA TRIBUNE SUNDAY, SEPTEMBER 23, 1990

Alafia River swept of trash by volunteers

Coastal cleanup program part of Bay area effort

By KEN KNIGHT
Tribune Staff Writer

GIBSONTON — Trudy Kensinger loves the Alafia River. She has lived on its southern bank for two years.

So when she and her husband, Jeff, took to the river with a fishing net and garbage bags Saturday, it was like cleaning their yard.

"We just like to keep the river natural so the wildlife can live with the human beings," said Kensinger, an environmentalist and a member of Citizens for the Alafia River Preservation (CARP).

The Kensingers and as many as 30 other people motored along the Alafia River Saturday morning, cleaning up the shoreline as a part of Tampa Bay Day.

The annual coastal cleanup is sponsored by the Center for Marine Conservation, the Tampa Bay Regional Planning Council and the Southwest Florida Water Management District.

Cleanup crews dotted the Alafia from Interstate 75 to Bird Island, a bird estuary in Hillsborough Bay. They snagged everything from plastic toys to old tires on rims.

Yvonne Vistain of Gibsonton started picking up garbage even before climbing into her pontoon boat.

"I do this wherever I go," Vistain said after picking up an empty wine cooler bottle at Williams Park, which is at the foot of the Doyle E. Carlton Bridge and the Gardinier

Inc. plant. The fertilizer company was sponsoring the local cleanup on the Alafia.

"I try to think of ways to make people clean up," said the Wisconsin native who moved to Florida three years ago with her husband, Art. They bought a 30-foot pontoon boat a few months ago.

A mallard duck slipped below the tranquil waters and six brown pelicans, perched on pilings in the Alafia, eyed the cleanup crews as they worked their way along the river picking up cans, Styrofoam floats, paper bags, plastic bags, clothing, cartons, car batteries, tires and plastic six-pack rings, which can be dangerous to turtles, birds and fish.

"If they get their heads stuck in them, it's a slow death," said Gerald Johnson, assistant manager of the Tampa Bay Sanctuary National Audubon Society. Johnson and a crew spent most of the morning cleaning up Bird Island.

"There is an incredible amount of garbage for such a little island," yelled Dan Diaz of CARP as he and the Kensingers cleaned a toe of land jutting out into the river near the U.S. Highway 41 bridge. "You can't walk 10 feet without finding something."

Within five minutes, the trio collected 2½ bags of trash.

Kensinger said CARP members already are making plans to clean up the river again in the spring.

Herald Tribune 9/18/90

Volunteers to Clean Up Beaches

By RYAN TUTAK
Staff Writer

More than 700 volunteers from southwest Florida will comb public beaches, parks and offshore waters Saturday morning to pick up trash that organizers say points to the need for better laws to protect marine life.

The event, the largest single-day beach cleanup in Florida, is part of the fourth annual National Coastal Cleanup Day from 9 to 12 a.m.

Last year volunteers collected more than 400,000 pounds of trash in Florida, more than in any other state, said Heidi Lovett, statewide coordinator of the event for the Center for Marine Conservation, a non-profit organization.

The immediate goal of the cleanup is to call attention to the amount of garbage and dramatize the extent of litter on beaches and in the water.

"It gets the message across that we don't want garbage on our beach and affecting the marine life," Lovett said. "The hope is to teach people that dropping debris on beaches is not wise and that we pollute the coastal area when we do that."

More than 65 percent of the trash collected last year

were plastics such as cups, straws and bags, said Kathy Zeller, vice president for Wildlife Inc., which will coordinate the cleanup in Sarasota County and in Manatee County with Manatee's Parks and Recreation department.

Marine animals often mistake the plastics for food and then die after eating it, and sea birds often get tangled in monofilament fishing string and nets and may die from strangulation, Zeller said. Last year 500 miles of monofilament fishing line was collected in the cleanup.

Florida's Coastal Cleanup Day last year resulted in a state law that bans the release of balloons on state beaches, food, Zeller said.

Participants in this year's cleanup have their sights on three more laws, Zeller said.

They hope to strengthen a state law banning the intentional disposal of fishing line and nets in the water; to modify an international law to prevent offshore dumping of plastic in the Gulf of Mexico; and to introduce a local law that would ban plastic straws on public beaches, she said.

About 400 people in Manatee County will pick up trash along 37 miles of beach, including the Anna Maria area and Palma Sola Causeway, Zeller said.

Sun. Times 9/18/90

DAYBREAK

ENGLEWOOD

BEACH CLEANUP SATURDAY

Calling all beach buddies! Join the Englewood Branch of the American Littoral Society from 9 a.m. to noon, on Saturday, Sept. 22, to help clean up the coast of debris on Florida's annual Coastal Cleanup Day.

Data cards and supplies will be distributed from specific points along the shore. The Jaycees, the 4-H, and many clubs from the high school will be on the job. Volunteers will meet at Englewood Public Beach at 9 a.m. If you are interested in being a "beach buddy" call the ALS at 474-5180. This is a statewide effort, so your hard work will be documented.

Fourth annual Florida beach cleanup planned

By SARAH DEMSHAR
Staff Writer

Sun-Times
9-8-90

Calling all Englewood area "beach buddies!" Its Beach Cleanup time again!

The Englewood Branch of the American Littoral Society (ALS), coordinator of the Center for Marine Conservation's (CMC) fourth annual Florida Coastal Cleanup, is looking for volunteers to help collect trash from area beaches on Saturday, Sept. 22nd.

Englewood volunteers will be collecting trash from bayside and Gulf beaches along Manasota Key including the Englewood Public Beach, Stump Pass Beach, Blind Pass Beach, Manasota Key Beach and Sandpiper Key. Volunteers will meet at 9 a.m. at Englewood Beach, and the cleanup will be held from 9 a.m. to noon. Volun-

teers are advised to bring a pair of gloves, liquid refreshments, wettable shoes and to wear proper beach attire. CMC is providing all data cards, plastic bags and other supplies, ALS officials said.

The second beach cleanup held this year in Englewood, volunteers will be collecting trash for recycling and other proper disposal, along with providing valuable data for CMC's National Marine Database — data which determines the types and sources of trash injuring wildlife and destroying our beaches and estuaries.

According to Heidi Lovett, coordinator of the statewide Florida Coastal Cleanup, "Floridians are very serious about the marine debris problem. They are reporting

Please see CLEANUP, 7A

Englewood Times

★ CLEANUP

From Page 1A

cruiseline dumping violations to our St. Petersburg office and the Coast Guard, and are urging new local laws to curtail the use of disposable plastic and polystyrene (styrofoam) containers in their communities, all to help keep Florida's beaches, mangroves, reefs, and estuaries clean of unwanted debris."

"Last year," Lovett said, "14,632 volunteers picked up more than 200 tons of debris along 911 miles of beaches." Lovett added that Florida has the second largest coastline in the U.S. — second only to Alaska. "We are only cleaning one-tenth of our coastline," Lovett said. "We have

nearly 9,000 miles because of our many islands."

Lovett said that this year, volunteers will be using a revised data card that emphasizes the identification of sources of debris and has expanded its list to include military, oil/gas, shipping/freight or fishing companies' identification and/or addresses. All information, Lovett explained, will be forwarded to the U.S. Coast Guard to be used as evidence to put violators on notice and to prosecute, where possible. Any person convicted of disposing plastic trash anywhere at sea, or other kinds of trash too close to shore, may be fined \$25,000 or imprisoned, she added.

According to Lovett, Florida's Coastal Cleanup always recycles as

much of the collected debris as possible — emphasizing that recycled trash would not end up on the coast. "This year we will send all the monofilament fishing line to Berkley in Iowa," Lovett said. "They are a manufacturer of fishing tackle." This is the first time that the fishing line has been recycled, she noted.

At last year's Coastal Cleanup, volunteers collected over 190 miles of monofilament line. The plastic fishing line and other plastics are extremely dangerous to marine life. "Thousands of

Page 7A

seabirds, sea turtles, small whales, dolphins, fish and manatees that frequent Florida waters and coastal areas have been killed by either entanglement or through ingestion of pieces of plastic," Lovett said.

Nationally, CMC's Coastal Cleanups were held in 25 U.S. states and territories, Canada and Mexico. More than 65,000 volunteers cleaned 3,000 miles of coastline and 850 tons of debris were collected. CMC is the leading organization dedicated solely to the protection of marine wildlife and their habitats.

SARASOTA HERALD - TRIBUNE

SUNDAY
SEPT. 23, 1970

Healthful Victim



Fisheries experts told the U.S. Congress that growing demand for swordfish, a tasty seafood favored by the health-conscious, is decimating the species. William Fox, assistant administrator of the National Oceanic and Atmospheric Administration, said that "the resource is clearly overfished, and the situation has become significantly worse during the past five years." Protecting sword-

California Law Spells Out Plans to Fight Oil Spills

Los Angeles Times

SACRAMENTO — Saying that "an ounce of prevention would certainly be worth a barrel of spilled crude oil," California Gov. George Deukmejian signed into law Saturday the most comprehensive offshore oil-spill prevention and

cleanup plan in the nation.

The statute, which takes effect immediately, is a direct result of the Exxon Valdez oil spill in Alaska last year and the British Petroleum tanker spill off Huntington Beach, Calif., in February.

The law will create a \$100 million cleanup fund to be financed by

an additional tax of 25 cents on each barrel of oil.

In the event of a spill, the state would be given unlimited authority to borrow additional funds for cleanup operations. The money would have to be repaid by the oil companies.

The governor is given the power

to appoint a state oil-spill "czar" or response administrator to set up a detailed comprehensive plan for the safe transportation of oil along California's coastline.

These steps are expected to include surprise inspections of tankers and terminals, up-to-date safety plans for refineries, use of radar for tanker traffic, and requiring tugboat escorts in hazardous waters.

Herald Tribune 9/18/90

Volunteers to Clean Up Beaches

By RYAN TUTAK
Staff Writer

More than 700 volunteers from southwest Florida will comb public beaches, parks and offshore waters Saturday morning to pick up trash that organizers say points to the need for better laws to protect marine life.

The event, the largest single-day beach cleanup in Florida, is part of the fourth annual National Coastal Cleanup Day from 9 to 12 a.m.

Last year volunteers collected more than 400,000 pounds of trash in Florida, more than in any other state, said Heidi Lovett, statewide coordinator of the event for the Center for Marine Conservation, a non-profit organization.

The immediate goal of the cleanup is to call attention to the amount of garbage and dramatize the extent of litter on beaches and in the water.

"It gets the message across that we don't want garbage on our beach and affecting the marine life," Lovett said. "The hope is to teach people that dropping debris on beaches is not wise and that we pollute the coastal area when we do that."

More than 65 percent of the trash collected last year

were plastics such as cups, straws and bags, said Kathy Zeller, vice president for Wildlife Inc., which will coordinate the cleanup in Sarasota County and in Manatee County with Manatee's Parks and Recreation department.

Marine animals often mistake the plastics for food and then die after eating it, and sea birds often get tangled in monofilament fishing string and nets and may die from strangulation, Zeller said. Last year 500 miles of monofilament fishing line was collected in the cleanup.

Florida's Coastal Cleanup Day last year resulted in a state law that bans the release of balloons on state beaches, food, Zeller said.

Participants in this year's cleanup have their sights on three more laws, Zeller said.

They hope to strengthen a state law banning the intentional disposal of fishing line and nets in the water; to modify an international law to prevent offshore dumping of plastic in the Gulf of Mexico; and to introduce a local law that would ban plastic straws on public beaches, she said.

About 400 people in Manatee County will pick up trash along 37 miles of beach, including the Anna Maria area and Palma Sola Causeway, Zeller said.

Sun. Times 9/18/90

DAYBREAK

ENGLEWOOD

BEACH CLEANUP SATURDAY

Calling all beach buddies! Join the Englewood Branch of the American Littoral Society from 9 a.m. to noon, on Saturday, Sept. 22, to help clean up the coast of debris on Florida's annual Coastal Cleanup Day.

Data cards and supplies will be distributed from specific points along the shore. The Jaycees, the 4-H, and many clubs from the high school will be on the job. Volunteers will meet at Englewood Public Beach at 9 a.m. If you are interested in being a "beach buddy" call the ALS at 474-5180. This is a statewide effort, so your hard work will be documented.

Beach cleanups play major role in legislation on marine litter

By MARILYN HOECKEL

Boca-Beacon
4-27-90

It's beach cleanup time again! Although the national beach cleanup will not take place until Sept. 22 of this year, many states are conducting spring cleanup events, and Florida is among them.

Boca Grande's cleanup will take place this Saturday, April 28. Volunteers are needed! Come to the Theatre Mall parking lot at 8:30 a.m. and be a part of Boca Grande's cleanup effort.

The Center for Marine Conservation, the sponsor of the national beach cleanups, has compiled statistics about the 1989 National Beach Cleanup held last fall.

Here are a few of the national statistics:

- Beach cleanups were held in 25 U.S. states and territories, Canada and Mexico;
- More than 65,000 people participated;
- Nearly 3,000 miles of coastline were cleaned up; and
- 850 tons of debris were collected.

Here are the Florida statistics:

- 14,904 volunteers participated - the most of any state; (California had the next largest number of participants, with 10,077 people coming out.)
- 911 miles of beaches were cleaned up;
- Almost 200 tons of trash was collected; and
- Volunteers collected 467 miles of monofilament fishing line. (Fishing line is deadly to marine birds and mammals, who become entangled in

it and die slowly from starvation and dehydration.)

And here are the Boca Grande statistics:

- 15 people participated, far fewer than participated in the previous spring's cleanup, for which more than 60 people came out.
- 11 miles of beach and bay shoreline were cleaned up; and
- About 630 pounds of trash was bagged.

As important as the trash removed during cleanups is the information gathered at the same time.

During beach cleanups, information about the types and amounts of trash picked up is collected on official, standardized data cards supplied by the Center for Marine Conservation (CMC), the sponsor of the national cleanups.

CMS takes this information back to the source of the marine trash and encourages possible contributors to the problem to become part of the solution.

In addition to identifying specific sources of marine debris, information from beach cleanup data provides real numbers to illustrate the magnitude of the problem.

As a result of this kind of information extraction, legislators across the country are coming to the conclusion that marine debris is more than a litter problem and are enacting laws to eliminate the problems that trash in the oceans causes to wildlife.

Be a part of this worthwhile effort! Give a hand Saturday!

Beach clean-up is this weekend

By SARAH DEMSHAR
Staff Writer

Sun-Times
4-25-90

Attention all beach buddies! This Saturday, April 27th, will be Manasota Key Beach Clean-up time again in Englewood.

Sponsored by the Englewood Branch of the American Littoral Society (ALS), the semi-annual clean-up will be held from 9 a.m. to noon, and all those interested in continuing the Earth Week celebration are urged to join in this local environmental effort.

According to Sydney Crampton, coordinator for the ALS, the beaches targeted for clean-up are Manasota Key Beach, Blind Pass Beach, Englewood Public Beach, and Stump Pass Beach. "This is a special project for our area," Crampton said, "and is being held in concordance with Earth Week. People are geared-up for the spring cleanup, she added.

Joining the ALS, members of the Lemon Bay Conservancy, Englewood Ham Radio Operators (EARS), Lemon Bay High School's Environmental Club and R.O.T.C., several Veteran's groups, and all concerned residents will don their tennis

Please see BEACH, 11A

★ BEACH *Sun-Times 4-25-90*

From Page 1A

shoes and gloves, and collect trash from the coastal areas for the three-hour clean-up along seven miles of beaches and bayfront.

"Data cards will be given to each volunteer," Crampton said. Rangers from Oscar Shearer State Park will help in the state-owned Stump Pass area. Free garbage bags, drinks, and a native gum tree will be given to volunteers, according to Crampton. Volunteers will gather at the North Pavilion of Englewood Public Beach at 9 a.m.

Although there is a statewide Coastal Clean-up in September, Englewood area residents have traditionally conducted two

beach clean-ups a year, due to the heavy use of the area's beaches and waters. Crampton said that all recyclable items collected will be donated to local recycling groups.

In last year's spring clean-up, volunteers collected 270 tons of debris and nearly 190 miles of monofilament. The plastic fishing line is dangerous to sea birds and sea turtles, which can easily become entangled in it. Other items, such as balloons and plastic six-pack holders are also a menace to wildlife.

A brown bag lunch Beach Clean-up meeting is scheduled at the ALS today, Wednesday, from noon to 1 p.m. Volunteers are invited to attend, or call 474-5180 for more information.

TAMPA TRIBUNE
SUNDAY SEPT 23, 1940

Raw sewage still pouring into ocean

WEST PALM BEACH (AP) — Thousands of tourists stayed off the beaches and boaters avoided the Intracoastal Waterway as millions of gallons of raw sewage continued to pour into the water Saturday, health officials said.

About 50 miles of beaches, from Jupiter in north Palm Beach County south to Pompano Beach in Broward County, remained closed as workers used jackhammers to break up 40 cubic yards of cement that had been poured around the pipe Thursday in an unsuccessful attempt to seal the leak.

"We're closing the beaches because we have three quarters of a million gallons of raw sewage gone out the Palm Beach inlet," said James Howell, director of the Palm Beach County Health Unit.

Hamblen said workers wouldn't be able to repair the break until Sunday at the earliest. The 42-inch concrete pipe — one of three major pipes leading to the county's treatment plant — split open after a valve blew and the resulting pressure sucked a manhole cover onto the pipe.

The utility sent the excess sewage into the only available outlets — the ocean, the Intracoastal and canals. Beaches will remain closed until water samples come up negative for contamination, officials said.

SARASOTA HERALD - TRIBUNE / SUNDAY, SEPT 23, 1940

Sewage Continues to Flow Into Water

WEST PALM BEACH (AP) — Thousands of tourists stayed off the beaches and boaters avoided the Intracoastal Waterway as raw sewage from a broken pipe continued to pour into the water Saturday, officials said.

About 25 miles of beaches, from Jupiter south to Boynton Beach in Palm Beach County, remained closed Saturday night as workers used jackhammers to break up 40 cubic yards of concrete that had been poured around the pipe Thursday in an unsuccessful attempt to seal the Wednesday night leak.

Beaches further south were allowed to stay open in a decision that balanced public health concerns against "the convenience of the public, including the tourist industry and the economy of the county," said Frank Gargiulo, director of engineering for the Palm Beach County Health Unit.

Health Unit director James Howell said workers wouldn't be able to repair the break until Sunday at the earliest. The 42-inch concrete pipe — one of three major pipes leading to the county's treatment plant — split open after a valve blew and the resulting pres-

sure sucked a manhole cover onto the pipe.

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More than 3 million gallons of raw sewage a day continued to be dumped into the ocean a mile offshore from Palm Beach, 750,000 gallons a day continued to be pumped into the Intracoastal Waterway in West Palm Beach, officials said.

ENVIRONMENT

USA
TODAY

INFORMATION AND ISSUES SHAPING EARTH CONSCIOUSNESS

THURSDAY, SEPTEMBER 20, 1990

EARTH NOTES/BY ANITA MANNING

Thousands will hit the beaches to gather trash

You may have more than the usual company if you head for the shore this fall. More than 100,000 volunteers in 25 coastal states will be on beaches this month and next counting trash. They'll pick it up and have it hauled away while they're at it.

It's an operation called National Beach Cleanup, part of the Washington, D.C.-based Center for Marine Conservation's Clean Ocean Campaign, which gathers data on beach litter, tabulates it and passes it along to government policy makers. The goal: To identify both the source of oceanfront dumping and the scope of the problem.

Last year's beach cleanup involved 65,000 volunteers who collected and catalogued 3 million pieces of trash, weighing 861 tons, from 3,000 miles of beach. Included in the haul: 164,141 cigarette butts, 135,352 glass bottles and 106,301 foam cups.

Sound like fun? If you live in a coastal state, check at a local 7-Eleven store for details or call 800-262-2532.



AP Wirephoto
Louis Valentin, a volunteer from New York City, rolls a truck tire off the beach in Keanburg, N.J., Saturday.

U.S. holds cleanup day for trash-strewn beaches

Litter runs from dead birds to cocaine

The Associated Press

Thousands of beachgoers, including politicians anxious to put their best environmental foot forward, searched for trash instead of sun, surf and fun during Saturday's national coastal cleanup.

Under driving rain in New Jersey and the blazing Florida sun, volunteers found broken glass, crack vials, dead birds, batteries, hair rollers and tons of plastic and cigarette butts.

"I can't believe we're finding dead birds on this beach," said Liz Nickel, 36, as she worked along the coast of Santa Monica, Calif. "I live here. My daughter grew up here. Since 1964 this was our favorite beach. It's too sad for me to come down here now. It's disgusting."

Coastal Cleanup Day is an end-of-summer national event coordinated by the Center for Marine Conservation in St. Petersburg, Fla.

In Florida, politicians were out in force to show their support for the environmental Gov. Bob Martinez and his Democratic challenger, former Sen. Lawton Chiles, hit the beaches to gather trash.

"When Florida was a smaller place, people were of the mind-set that the beach was everybody's garbage can with an unlimited capacity to absorb whatever they threw into it," said Sen. Bob Graham, D-Fla., who wore a T-shirt, shorts and a baseball hat as he helped clean up the Tampa Bay coast. "Florida's coastline is defined by its beaches just like some areas of the country are defined by their mountains."

In Texas, a 3.9-million-gallon oil spill in the Gulf of Mexico in June and a 700,000-gallon spill in the Houston Ship Channel in July helped raise volunteers. Alice Law of Clean Galveston, coordinating the Galveston cleanup, said she expected up to 4,000 volunteers this year, compared with less than 3,500 last year.

Celebrity-seeker Mallon in California, where beach cleanup has been an annual

Heating was disguised by the low turnout of sturdier volunteers.

"There are more mothers here from East L.A. than surfers," heating lamented. "They are in favor of this but the big question is, are they going to walk up and down the beach for an hour? They still haven't gotten away from the 'Beach Blanket Bingo' mentality."

Volunteers were hard to come by in Virginia, where military workers who had formed the bulk of volunteers for past cleanups were preoccupied with the crisis in the Persian Gulf.

"Sixty-five percent of our volunteers have been from the military. Now many of them are either deployed overseas or involved in supporting the troops," said Robert K. Dean, a local environmental activist and an organizer of the state cleanup.

He said 6,700 volunteers picked up more than 60 tons of trash during a Clean-the-Bay Day in June, but only 2,000 had volunteered for Saturday's effort.

The cleanup produced some surprises among the tons of disposable cups and cans and plastic six-pack rings found on the nation's beaches.

In South Carolina, where the cleanup was held a week early on Sept. 15 to accommodate the tide schedule, a volunteer at Edisto Beach found a bag of white powder with a razor blade.

"The police officer said it was about \$300 to \$400 in cocaine," said cleanup coordinator Norman Fox.

Rainy, cold weather did not deter volunteers in New Jersey. The 1,000 pounds of garbage collected by volunteers at beaches in Keanburg included crack vials, syringes, cigarette filters and broken glass, according to Andrew Willard of the American Littoral Society. A cleanup effort to nearby Sandy Hook was rescheduled for Sunday due to the rain, but organizers saw a silver lining in the clouds.

Beach cleanup nets record

ATLANTA

EPA staff report

THE EPA GULF OF Mexico Program Office last month announced record results for the beach clean-up that took place last September.

The goal this year was to recruit 25,000 volunteers to cover approximately 1,000 miles of the Gulf's U.S. coastline. The goal was exceeded by

100,000 participants.

Nearly 40,000 volunteers including federal agencies, the oil and gas industry, private conservation groups, local governments, leaders from Gulf of Mexico ports and the commercial and recreational fishing industries joined citizens from the five Gulf states to address the issue of marine debris.

In conjunction with the Gulf of Mexico Program, "The Children's Alliance for Protection of the Environment" (CAPE) spearheaded a program of 40,000 young volunteers participating in a wider Caribbean area beach clean-up.

Volunteers recorded data on the trash collected for inclusion in the National Marine Data Base located at the Center for Marine Conservation in Washington, D.C. The following listing represents the results for each state:

State	Volunteers	Tons	Miles
Alabama	2,618	37	62
Florida	10,164	134	710
Louisiana	6,450	125	296
Mississippi	1,865	22	110
<u>Texas</u>	<u>15,822</u>	<u>233</u>	<u>185</u>
Totals	36,918	551	1,363

Several tons of collected trash were recycled. Texas, for example, recycled 19 tons of plastic.

In addition to the figures of trash collected and recycled, petitions were gathered to encourage Special Area Designation (SAD) of the Gulf of Mexico under the provisions of an international treaty (Annex V of the International Convention for the Prevention of Pollution from Ships). The petitions signed by citizens from the Gulf states were presented to Admiral Kime, head of the U.S. Coast Guard. ■



STAFF PHOTO/THOMAS BENDER

Gilbert Solley, 69, does his part Saturday in the coastal cleanup around Palma Sola Bay.

Volunteers Comb Beaches In Search of a Little Litter

By **PAULA PARK**
Staff Writer

Twelve-year-old Chris Dale, dragging a giant plastic bag of garbage, teetered on one of the boulders lining Cortez Beach on Saturday until he finally fell off and nicked his big toe.

But as he stuck a bandage on the cut, Chris said he did not mind hurting his toe because he was working for a worthwhile cause: Manatee County's third annual coastal cleanup.

"It was worth it to clean up the beach," said Chris, a sixth-grader at W.D. Sugg Middle School. "If I wasn't here, I'd just be sitting at home on the couch. Besides, my mom told me to come."

Chris was one of about 450 county residents who scoured 22 miles of county beaches for old cans,

bottles, Styrofoam cups and cigarette butts during the three-hour cleanup. Last year, only 167 people participated in the cleanup in Manatee.

But getting rid of litter that can harm sea turtles and wading birds was only one goal of the cleanup campaign, organized locally by the county Parks and Recreation Department and a private environmental group called Wildlife Inc., based in Manatee County.

The effort was part of a nationwide campaign to clean the nation's beaches that was sponsored by the Center for Marine Conservation in Washington, D.C.

The Manatee campaigners kept an inventory of how much and what kind of trash they picked up, said Kathy Zeller, vice president of Wildlife Inc.

Continued on 14A

National Beach Cleanup Gets Mixed Reviews

By The Associated Press

Thousands of beachgoers, including many a politician anxious to put his or her best environmental foot forward, searched for trash instead of sun, surf and fun during Saturday's national coastal cleanup.

Under driving rain in New Jersey and the blazing Florida sun, volunteers found broken glass, crack vials, dead birds, batteries, hair rollers and tons of plastic and cigarette butts.

"I can't believe we're finding dead birds on this beach," said Liz Nickel, 56, as she worked along the coast of Santa Monica, Calif. "I live here. My daughter grew up here. Since 1964, this was our favorite beach. It's too sad for me to come down here now. It's disgusting."

Coastal Cleanup Day is a national end-of-summer event coordinated by the Center for Marine Conservation in St. Petersburg.

And in Florida, politicians were out in force to show their support for the environment. Gov. Bob

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Martinez and his Democratic challenger, former Sen. Lawton Chiles, hit the beaches to gather trash.

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In Texas, a 3.9-million-gallon oil spill in the Gulf of Mexico in June and a 700,000-gallon spill in the Houston Ship Channel in July helped rouse volunteers. Alice Law of Clean Galveston, coordinating the Galveston cleanup, said she expected up to 4,000 volunteers this year, compared with less than 3,200 last year.

Celebrity-coated Malibu in California, where beachgoers lie down to look up at the stars in the daytime, was crowded with cleanup volunteers. But at Surfer Beach, environmental activist Glenn Henning was disgusted by the low turning out of surfer volunteers.

"There are more mothers here from East L.A. than surfers," Henning lamented. "They are in favor of this but the big question is: Are they going to walk up and down the beach for an hour? They still haven't gotten away from the 'Beach Blanket Bingo' mentality."

Volunteers were hard to come by in Virginia, where military workers, who had formed the bulk of volunteers for past cleanups, were preoccupied with the crisis in the Persian Gulf.



Louis Valentin, a volunteer from New York City, rolls a discarded tire off the beach Saturday in Keansburg, N.J. Despite a steady rain, about 60 people helped clean up the beach during a nationwide waterfront cleanup effort.

June, but only 2,000 volunteered for the nationwide effort.

AP/WIDE WORLD
syringes, cigarette filters and broken glass, according to Andrew

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CALIFORNIA VOLUNTEER

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CLEANUP VOLUNTEER

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A cleanup effort in nearby Sandy Hook was rerecheduled for today due to the rain, but organizers saw a silver lining in the clouds.

"The rain is actually good because it will wash more trash up," said Susan Fearing of Clean Ocean Action.

450 Chip In for Beach Cleanup

Continued from 1A

The results will be sent to the Center for Marine Conservation in St. Petersburg and then to Washington, where they will be used to back up calls for tougher state and federal laws to protect the environment, Zeller said.

For instance, statistics from beach cleanups have been used during the past three years to help drive for federal laws to prevent ships from dumping their wastes in oceans and gulfs, said Carl Keeler, a Manatee Community College biology professor who brought 29 of his students to the cleanup Saturday.

As a result of the cleanup campaigns, the Florida Legislature passed a statute last November prohibiting the releasing of balloons into the air. The law was passed after lobbyists presented statistics showing that deflated balloons are often found in the lungs of dead birds and turtles, Zeller said.

The animals suck the balloons into the lungs, and cannot cough them up, she said. Bits of plastic can also strangle birds, Zeller said. Often, female birds will feed the deadly plastic to their young, she said.

Zeller said she hopes that during the next legislative session, the Florida Legislature will ban the use of fine fishing line. Birds often use that line to build their nests — then get entangled in it, Zeller said.

Protecting birds and animals is so important to the county that the Manatee Parks and Recreation Department contributed \$1,500 in labor and materials to the effort, said Dave Compton, manager of parks for the county. Waste Management sent dumpsters to help out, Compton said.

Compton said the beach cleanup will help county workers do a better job of keeping the beaches

clean.

About 13 county employees volunteered to pick up bags of garbage at pickup sites on Anna Maria Island, along Palma Sola Bay and on Sneed Island and haul them to dumpsters, Compton said.

Volunteers in boats took bags to several tiny barrier islands, including Rattlesnake, Passage, Laffa, Price and Skeets Keys, as well as to a spoil key off the tip of Perito Island, Compton said.

On the keys, the volunteers searched for garbage through mangrove shoots sticking up through the sand.

People cleaning Passage Key also released three pelicans entangled in fishing lines, Zeller said.

Nearly every bit of manmade packaging can be harmful to animals and fish, and the campaigners found plenty of such packaging Saturday, Keeler said.

"We found diapers — loaded — and a bag of fertilizer," said Keeler. "What's that doing on the beach?"

Another Manatee Community College professor, Bill Boles, said he found "about 2 billion cigarette butts."

One of Keeler's students, Penny Vessey, 19, of the 5200 block of 22nd Avenue West, said she found mounds of garbage next to the Cortes Beach trash cans.

"It's disgusting," she said.

Although Vessey and others wrinkled their noses at the sometimes rotting debris on the coast, they said that cleaning the beaches would help them enjoy the sun and sand even more in the future. "It makes you feel good," Boles said. "It also makes you enjoy a shower more. I think, 'Rhodes' is a better place to be than anywhere else."



Fishing line and plastic six-pack holders are separated into a plastic bag for recycling.

STAFF PHOTO/THOMAS BECKER

been used during the past three years to help drive for federal laws to prevent ships from dumping their wastes in oceans and gulfs, said Carl Keeler, a Manatee Community College biology professor who brought 29 of his students to the cleanup Saturday.

As a result of the cleanup campaign, the Florida Legislature passed a statute last November prohibiting the releasing of balloons into the air. The law was passed after lobbyists presented statistics showing that deflated balloons are often found in the lungs of dead birds and turtles, Zeller said.

The animals suck the balloons into the lungs and cannot cough them up, she said. Bits of plastic can also strangle birds, Zeller said. Often, female birds will feed the deadly plastic to their young, she said.

Zeller said she hopes that during the next legislative session, the Florida Legislature will ban the use of fine fishing line. Birds often use that line to build their nests - then get entangled in it, Zeller said.

Protecting birds and animals is so important to the county that the Manatee Parks and Recreation Department contributed \$1,500 in labor and materials to the effort, said Dave Compton, manager of parks for the county. Waste Management lent dumpsters to help out, Compton said.

Compton said the beach cleanup will help county workers do a better job of keeping the beaches

key off the tip of Perico Island, Compton said. On the keys, the volunteers searched for garbage through mangrove shoots sticking up through the sand.

People cleaning Passage Key also released three pelicans entangled in fishing lines, Zeller said.

Nearly every bit of manmade packaging can be harmful to animals and fish, and the campaigners found plenty of such packaging Saturday, Keeler said.

"We found diapers - loaded - and a bag of fertilizer," said Keeler. "What's that doing on the beach?"

Another Manatee Community College professor, Bill Boles, said he found "about 2 billion cigarette butts."

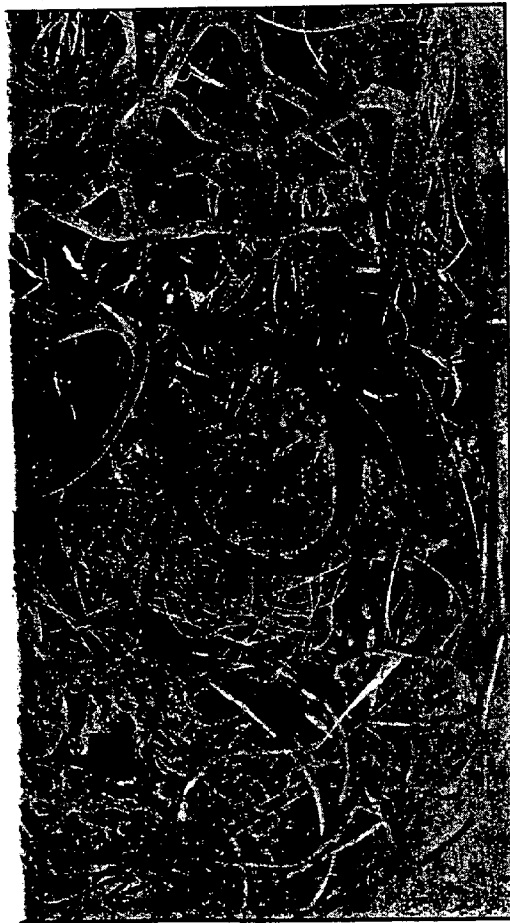
One of Keeler's students, Penny Veasey, 19, of the 5200 block of 22nd Avenue West, said she found mounds of garbage next to the Cortes Beach trash cans.

"It's disgusting," she said.

Although Veasey and others wrinkled their noses at the sometimes rotting debris on the coast, they said that cleaning the beaches would help them enjoy the sun and sand even more in the future.

"It makes you feel good," Boles said.

"It also makes you enjoy a shower later," said Khaki Rhodes, a 42-year-old massage therapist from Sarasota.



Fishing line and plastic six-pack holders are separated into a plastic bag for recycling.



The debris includes plastic bottles, and plastic bags.



Jeff Genter and Carolyn Kappenmacher sort through debris Saturday at Palma Sola Bay.

STAFF PHOTO/THOMAS BENDER

STAFF PHOTO/THOMAS BENDER



STAFF PHOTO: JEFFREY CAMP

Dorothy Katrein of Englewood studies a tangle of fishing line Saturday as she joins in the cleanup at Englewood Beach.

Volunteers Clean Beaches For Nature and Themselves

By JAMES ROLAND
Staff Writer

Visitors to the beaches in Englewood and the rest of Charlotte County apparently smoke a lot of cigarettes.

That's the consensus of the volunteers who participated in the Southwest Florida portion of Saturday's state and national Coastal Cleanup.

"We must have picked up 5,000 cigarette butts," said Englewood resident Kathleen Stefanisin.

She and her sister, Shirley Catanese, also from Englewood, spent the morning picking up litter at Englewood Public Beach. It was the second year that the sisters have helped sweep the beaches free of cans, bottles, fishing line - and cigarette butts.

"Birds eat them I heard, and it can really hurt

them," Stefanisin said.

"People need to be aware of the dangers," Catanese said. "Everybody that uses the beach needs to help."

On Saturday, help came in the form of about 125 volunteers on Manasota Key and about 350 people cleaning up the other coastal areas of Charlotte County, according to Kathy Hollinger, who helped organize the countywide effort.

"We had an absolutely wonderful turnout, with people from 8 months to 80," Hollinger said. "We found a really bad area around Coral Creek in Placida. We found tires, construction insulation, fish nets and a horrible odor of dead marine life. They picked up 1,200 pounds of garbage and there's still a lot out there. It almost needs to be

Continued on 14A



STAFF PHOTO: JEFFREY C.
Jackie Gleason weighs herself and the trash she collected Saturday at Englewood Beach. She weighed herself before she started, and the difference is the weight of the trash.

Beach Volunteers Get the Trash

Continued from 1A

dredged."

Hollinger said that at least 3,456 pounds of trash was picked up on the county's shores. The load included 643 pounds from Manasota Key, part of which is in Sarasota County. Some reports from Charlotte County cleanup groups had not been turned in by Saturday afternoon, however, so the total is expected to go much higher, Hollinger said.

Sydney Crampton, who organized the Englewood and south Sarasota County effort, was also pleased with response from the community.

"We had an excellent turnout, about 125 people," said Crampton. "I think it's growing every year."

The Coastal Cleanup, a statewide and nationwide cleanup effort, was established by the Center for Marine Conservation, a Washington, D.C., organization dedicated to protecting marine life. Previous Florida cleanups have recycled an estimated 15 tons of debris and provided information used to develop tougher pollution-control legislation, according to the organization.

During the 1989 cleanup in Florida, 14,632 volunteers picked up 200 tons of debris and 467 miles of monofilament fishing line. Sixty-five percent of the debris consisted of items made of plastic. Fishing line and other plastic items endanger sea birds and other marine life that ingest or become entangled in them.

Volunteers kept an inventory of how much and what kind of trash they picked up Saturday, said Kathy Zeller, vice president of Wildlife Inc., an environmental group that helped organize the cleanup effort in Manatee County. The results will be sent to the Center for Marine Conservation office in St. Petersburg and then to Washington, where they will be used to bolster efforts to enact tougher state and federal laws to protect the environment, Zeller said.

For instance, beach cleanup statistics have been used during the past three years to help a drive for

federal laws to restrict ships from dumping their wastes in the water, said Carl Keeler, a Manatee Community College biology professor who brought 29 of his students to the Manatee cleanup.

As a result of the cleanup campaigns, the Florida Legislature passed a statute last November prohibiting the releasing of balloons into the air. The law was passed after lobbyists presented statistics showing that deflated balloons are often found in the lungs of dead birds and turtles, Zeller said.

The animals suck the balloons into the lungs and cannot cough them up, she said.

Zeller said she hopes that at the next session, the Legislature will ban the use of fine fishing line. Birds often use that line to build their nests, and then get entangled in it, Zeller said.

But not everyone was out Saturday just to help the environment. About 30 students from the Students Toward Environmental Participation (STEP) Club at Charlotte High School saw a reward at the end of a hot morning of work.

By participating in the Coastal Cleanup, club members earned an opportunity to go on a weekend field trip at the Cayo Costa State Recreation Area next weekend.

"It will be the first trip of the year," said student Amy Hosp, who helped clean up the area around the Gilchrist Bridge in Charlotte Harbor. "It was worth it. We had fun. We found underwear and seat covers. I think six tires."

At the north end of Manasota Key, Lemon Bay High School students JoAnn Schrank and Joe Amaral volunteered to earn community service points as members of school's Junior ROTC program.

While they didn't find much litter, they said they were happy to do their part.

"I thought it was a decent thing to do since I use the beach a lot," Amaral said.

Staff Writers Paula Park and Ryan Titak contributed to this report.



Members of the Lemon Bay High School Environmental Club help rid Englewood Beach of trash Saturday during the Coastal Cleanup.

Beach crews discover dollars amid the debris

By Cory Jo Lancaster

OF THE SENTINEL STAFF

INDIALANTIC — Volunteers in the fourth annual beach cleanup were talking about the money — not the trash — found Saturday near the Indialantic Boardwalk.

The volunteers joined thousands of people cleaning up coasts around the nation. The participants laboring under Florida's blazing sun included Gov. Bob Martinez in Miami and his challenger in the governor's race, Lawton Chiles, in Daytona Beach.

Along Brevard County's southern beaches, there was good news mixed in with the garbage. One boy found \$51 — two wet and sandy \$20 bills, a \$10 bill and a \$1 bill — in the sand near the Indialantic Boardwalk. Nearby, another group found \$11, and another discovered \$7. In Melbourne Beach, a volunteer reported finding \$8.

"It was a pretty typical cleanup, except for the money," said Therese Nelsen, a Boardwalk cleanup supervisor helped by her 8-year-old daughter, Alex. "I've never heard of that happening."

Organized by the Center for Marine Conservation, which is based in St. Petersburg, the cleanups remove debris from the beaches, including fishing lines that entangle birds and plastic bags that can be swallowed by sea animals. Volunteers collect information that is used by the center to find the sources of trash and prosecute violators.

The cleanups also produce odd discoveries.

In Melbourne Beach, a volunteer found a dashboard from a Mercedes-Benz automobile with the steering wheel on the right side. In this country, steering wheels are on the left.

Please see BEACHES, B-5



TOM MEDLEY/SENTINEL

Rita Alexander Block helps weigh trash picked up by volunteers as Rhonda Donahoo Gumto tallies up the totals in New Smyrna Beach on Saturday.

The Orlando Sentinel, Sunday, September 23, 1990 **B-5**

Politicians join effort to clean up beaches

BEACHES from B-1

"I don't know where that thing came from," said Randy Parkinson, an oceanography professor at Florida Institute of Technology in Melbourne who has been analyzing the trash found in Brevard County. "That must have been the most unusual item ever found."

Elsewhere, former U.S. Sen. Lawton Chiles joined hundreds of Volusia County volunteers in picking up trash in the Daytona Beach area. And Environmental Protection Agency administrator William Reilly and Gov. Bob Martinez picked up cans and pieces of plastic foam on a spoil island in Biscayne Bay.

Florida led the nation in participation on beach-cleanup day last year — 15,000 volunteers picked up 200 tons of debris, ranging

from 467 miles of fishing line to hundreds of discarded condoms. Nationally, and in Puerto Rico, Canada and Mexico, about 65,000 people participated last year, according to the conservation center.

U.S. Sen. Bob Graham probably led the day's political participants in getting down and dirty in the cleanup. Graham made the effort one of his trademark "workdays," during which he spends days working at various jobs.

Wearing a T-shirt, shorts and a baseball hat against the sun, Graham used "sweat and plastic bags" for his 244th workday near the Gandy Bridge over Tampa Bay.

In Texas, a 3.9 million-gallon oil spill in the Gulf of Mexico in June and a 700,000-gallon spill in the Houston Ship Channel in July

helped rouse volunteers. Celebrity-soaked Malibu in California, where beachgoers lie down to look up at the stars in the daytime, was crowded with cleanup volunteers.

But at California's Surfrider Beach, environmental activist Glenn Henning was disgusted by the low turnout of surfer volunteers.

"There are more mothers here from East LA than surfers," Henning lamented. "They are in favor of this, but the big question is, are they going to walk up and down the beach for an hour? They still haven't gotten away from the Beach Blanket Bingo mentality."

Volunteers were hard to come by in Virginia, where military workers who had formed the bulk of volunteers for past cleanups were preoccupied with the crisis in the Persian Gulf.

"Sixty-five percent of our volunteers have been from the military. Now many of them are either deployed overseas or involved in supporting the troops," said Robert K. Dean, a local environmental activist and an organizer of the state cleanup.

Beach

From page 1A

The volunteers also will collect information used by the center to pinpoint sources of trash and prosecute violators. For example, garbage with labels from foreign countries, cruise lines or commercial fishing vessels will be given to the Coast Guard as evidence to put violators on notice and prosecute where possible.

The more mundane items also will serve a purpose. "We will be recycling everything we can," Alexander-Block said, noting that in past years Scout troops have benefited from the recyclable aluminum, plastic and glass that was collected.

As an extra incentive, she said, Center for Marine Conservation hats will be presented to workers who find the out-of-the-ordinary items.

Alexander-Block said that this year, for the first time, the beach cleanup also will be taking place on the Daytona Beach side of the inlet. In previous years, Halifax area groups assisted with efforts at Canaveral National Seashore.

Statewide, some 14,500 volunteers participated last year and a Center for Marine Conservation spokesman said more are expected this year because of a growing environmental awareness among Floridians.

"No question about it," said Alexander-Block in agreement. "It's just incredible how many more people are becoming aware of our fragile ecosystem."

For more information on the cleanup effort, call Alexander-Block of Greenpeace International at 427-9420, Rhonda Donahoe-Gunn of the South Volusia Sea Turtle Society at 423-5629 or Sandra Hines of Canaveral National Seashore at 428-3384.

Big turnout expected for beach cleanup

BY GARRY MATLOW

Organizers are looking for a big turnout Saturday morning when volunteers collect and catalog trash along Volusia County beaches during the annual Florida Coastal Cleanup.

"The volunteers are coming, they're calling," said Rita Alexander-Block. "We're as excited as can be."

The event begins at 9 a.m. and runs until noon. Southeast Volusia tagging areas are the Flagler Avenue and 27th Avenue beach parking lots and Canaveral National Seashore.

Alexander-Block said volunteers can show up anytime during those three hours, and can help out as long as they are able. "If they can just stay for 20 minutes, that's fine," she said.

Last year some 200 volunteers walked Southeast Volusia beaches and collected more than a ton of debris, including an athletic supporter, a steering wheel, syringes, a broom and a full can of beer.

But 84 percent of the haul was plastics and polystyrene foam, which pose a danger to sea turtles and marine life who become entangled in fishing lines or mistake plastic bags for food.

Part of the nationwide cleanup effort, sponsored by the Center for Marine Conservation, involves cataloging trash by type with the statistics being used to educate the public and lobby governments for new recycling.

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Bye-bye, beach litter

NEW SMYRNA BEACH — Volunteers today will clean up after litterbugs.

Volunteer trash collectors will gather at the beach at Flagler and 27th Avenues and at Canaveral National Seashore as part of a statewide effort to clean up the beaches this morning from 9 to noon.

Recyclable materials will be recycled.

The Florida Coastal Cleanup day is part of a national effort sponsored by the Center for Marine Conservation in Washington, D.C.

This is the fourth year of the cleanup in Florida. Last year about 15,000 volunteers picked up 395,440 pounds of trash from 811 miles of Florida coastline.

About 20,000 volunteers are expected to participate this year.

Volunteers will collect more than participants take drinking water.

Trash bags will be assigned to specific areas of the beach.

Volunteers will be asked to dress for the beach and wear shoes to protect their feet and gloves to protect their hands. It's recommended that participants take drinking water.

S.R. A1A seven miles south of New Smyrna Beach and go to the park's information center. To participate at New Smyrna Beach, go to the parking lot at the Flagler Avenue beach approach and the 27th Avenue beach approach.

Trash bags will be supplied. Participants will be assigned to specific areas of the beach.

Volunteers will be asked to dress for the beach and wear shoes to protect their feet and gloves to protect their hands. It's recommended that participants take drinking water.

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LOCAL

Sunday, September 23, 1990

THE PORT ST. LUCIE NEWS

City desk - 871-5520 o

Shore enough, beach cleanup a tidy success

By Andi Schabo
of the News staff

There might have been more volunteers than trash in Martin and St. Lucie counties Saturday as people flocked to area beaches and waterways to help clean the Treasure Coast.

More than 600 volunteers in St. Lucie County and as many as 2,000 in Martin joined the cleanup effort, which was completed by noon.

"I think it's a general trend. For the past two or three years there seems to be less trash," said Gary Guerlin, spokesman for the Florida Oceanographic Society, a co-sponsor of the event.

Nancy Sailer of the Stuart-Martin County Chamber of Commerce said her group was surprised to find little trash in the parks around town.

"The parks were not that dirty. It seems the people in the city have been keeping them clean," Sailer said. The group found the most trash in waterways, she said.

Please see **CLEANUP** on B2



PHOTOGRAPHER: JIM URICK

Melissa McCoy, 10, Bryan Grunbaum, 9, and Tiffany Paul, 12, foreground, all of Jensen Beach, were among many volunteers who combed the vegetation at Stuart Beach on Saturday in search of trash.

CLEANUP

■ CONTINUED FROM B1

Guertin said the less trash that is found, the more he knows the program is working.

"A lot of people seem to think that if you collect less trash, the activity was not as successful. But it's not the tonnage of trash collected but the awareness and the education the cleanup provides," he said.

The educational value of the day was what brought Brandy Monk, a student at Port St. Lucie High School, to the cleanup.

"We're here as part of our leadership class," said Monk. "We get points for doing community service. And it's our responsibility to keep our community clean."

In St. Lucie County, 10 miles of beach were cleaned. On South Hutchinson Island, 6,425 pounds of non-recyclable trash was collected.

Pat Ernest, organizer of the St. Lucie effort, said more would be added to that figure after trash collected at Pepper Park on North Hutchinson Island is weighed.

Martin County statistics for the number of volunteers and amount of trash collected won't be available until later this week.

For the first time in Martin County, the effort spread west of the beaches to local roads and waterways. The oceanographic society, which traditionally sponsors the event, was joined by five Martin County chambers of commerce in sponsoring the cleanup.

Because of the number of organ-

izations involved, it will take time for all the statistics to be collected, said Guertin.

Last year more than 900 volunteers picked up 13,770 pounds of refuse on Martin County beaches.

The cleanup was part of a statewide effort sponsored by the Center for Marine Conservation.

Judy Gersony of Jensen Beach received a firsthand lesson on how harmful trash is on area wildlife.

While cleaning a spoil island in Martin County, Gersony and her group rescued two birds. A kingfisher that had swallowed a hook was taken to the Treasure Coast Wildlife Hospital. The second, a pelican, had to be untangled from a mass of fishing line.

"It was terrible — it was wrapped across both wings and both legs. It took us 10 minutes just to untangle him," Gersony said.

Michelle Coutant of Stuart was a first-time volunteer. She worked at Stuart Beach organizing volunteers and sorting trash.

The most encouraging thing about the day for her was the involvement of students.

"We got great participation from the schools," Coutant said.

Coutant said she believes getting youngsters involved will keep concern for the environment from becoming a passing phase.

"They're teaching this to the little kids in school now. It's second nature to them," she said. "It's harder for us because we had to learn about conservation as adults."

Beach • Bay, Sept. 25, 1990

Beach buddies are talking trash

Kathleen Chapman
Beach • Bay News

Saturday, Sept. 22, is the day that anyone in Bay County can "Be a Beach Buddy" by joining in the Florida Coastal Cleanup effort.

The cleanup is sponsored by the Center for Marine Conservation and is being coordinated locally by Lisa Keppner, a CMC volunteer.

In Bay County, cleanup will take place on Shell Island, St. Andrew State Recreation Area, Beach Drive, Tyndall Air Force Base, and an area near the Hathaway Bridge.

Volunteers, working in groups of three will collect trash in one bag and items to be recycled in another. Information about what is found will be recorded on a data card provided by the CMC.

On Shell Island, cleanup will include both the gulf and bay sides. The U.S. Fish and Wildlife Service employees have volunteered to handle the bay side.

According to Fisheries biologist, Lorna Patrick, they will also help to haul trash in their boats from the island to St. Andrew park for weigh-in and sorting. Frank Goodwin, captain of the *Kitty Hawk*, has donated the use of his 30-passenger boat to carry other volunteers to the island.

Shelly Du Puy, who has volunteered to captain the effort at St. Andrew State Recreation Area, will set up shop at the sheltered picnic tables near the end of the parking lot above the kiddie pool. Volunteers can sign up at 8 a.m.

They will be given bags and data cards and will clean along the shoreline. In addition, volunteers from Hydrospace Dive Shop will include underwater cleanup at the jetties as part of their dive activities for the day.

On Beach Drive, the sector captain is Ron Houser with Bay County Audubon Society. His center of operations will be in Asbell Park beside Lake Caroline. Sign up is at 7:30 a.m. and cleanup will cover a 1 1/2 mile area from Bayside Inn to Frankford Avenue.

Telephone Pioneers, led by Mike Lockwood, have volunteered to pick up trash on the west side of Hathaway Bridge. Lockwood expects from 12 to 20 volunteers. Notices of the project have been posted at both



Lisa Keppner is organizing the Beach Cleanup in Bay County. (Photo by Kathleen Chapman)

AT&T and Southern Bell area workcenters.

The cleanup at Tyndall Air Force Base is being organized by Bob Bates and Neill Hunter of the Tyndall Department of Natural Resources. They have invited students from Rutherford High School as well as other interested persons to meet at the Tyndall Yacht Club at 8 a.m.

Bates said they plan to work on the NCO beach and the Tyndall portion of Shell Island. "If we have enough volunteers, we may do some work on Crooked Island, too," he said.

The CMC provides trash bags, pamphlets, advertising materials and data cards to volunteers.

Keppner reported that the CMC data cards have been improved since last year. They are easier to understand and the categories are better divided.

Data from 1989 showed that plastics comprised 64 percent of trash collected in Florida in last year's cleanup. These items often cause the death of marine mammals and birds who mistake them for food.

Dumping of plastics at sea has been prohibited since Dec. 31, 1988 by a world treaty. All vessels, from surfboards to

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tankers, must comply with these regulations. Information from data cards helps to identify lawbreakers.

Keppner recommended that all volunteers wear gloves, hats, sunglasses, comfortable shoes, and lightweight clothing.

In addition to picking up trash, participants will keep watch for any marine animals that may have become victims of dumping. Last year, Bay County volunteers rescued a Laughing Gull that had a fish hook, with monofilament line still attached, through its wing.

Aluminum and glass items will be recycled locally. Bill Hudson, Bay County recycling coordinator, will provide final collection of these items. State-wide, plastic fishing line and net will be recycled by Berkley Manufacturing.

Pepsi Cola is donating soft drinks to the volunteers.

Volunteer beachcombers clean up area coastline

By DENISE O'TOOLE

While more than 500 volunteers combed the coastline of Volusia and Flagler counties in Saturday's scorching sun picking up at least two tons of trash, about a dozen worked to remove hazardous ocean debris in a much cooler setting — underwater about 10 miles off shore.

The occasion was the fourth annual National Coastal Cleanup sponsored by the Center for Marine Conservation. The local divers and beach police were among an estimated 15,000 in the state and tens of thousands in the country to join in the event. Volunteers not only removed debris from the beach, they took much of it to recycling centers and forwarded information about what they found to the CMC.

One of the more disturbing discoveries here was three unmarked 55-gallon drums found at Canaveral National Seashore, said Donna Devlin, a CMC associate biologist. Two of the drums were broken; one was intact, according to notes filed by the zone captain, Ranger Sandra Hines. The contents and origin of the drums were unknown Saturday, Miss Devlin said.

The local divers, members of Ormond Anchor Chasers, have tried to clean fishing line from Liberty Reef on the day of the national cleanup each year since 1987, but

this is the first time the sea and sky cooperated with their plans.

"It's always been either too rough or stormy," said underwater zone captain Don Serobusek of Ormond Beach.

High-rise condominiums were barely visible on the eastern horizon as Ed Best, wearing full scuba gear, popped up out of the water with a handful of monofilament fishing line he just cut from the artificial reef below. He and his colleagues collected several pounds of the fishing line, which often traps fish, turtles and other sea creatures that feed off the thriving reef. Only time limits prevented them from removing more.

"You could stay down there as long as you wanted to taking line off. There's miles of it," said Mark Krodell, who piloted one of four boats on the cleanup expedition.

The reef was created in 1980 by sinking the ship Mindanao, a 440-foot-long, 62-foot-wide Liberty ship. The accumulation of line and other fishing paraphernalia was a testament to the reef's popularity as a fishing spot. Other items found were bricks and a 38-millimeter gun cartridge, which will be recycled, in a way.

"When you sort that stuff out, I'd like to get that lead back if I can. My dad's a reloader," Best shouted from the water.

This year, for the first time, the



News-Journal photo by Lisa Parker

Turtle patrol members are among volunteers bagging beach trash Saturday in Ponce Inlet.

miles of fishing line collected in the water and on the shorelines will be recycled. Aluminum cans and glass have been recycled since the event's inception. Miss Devlin pointed out that this year, large numbers of glass containers were found in areas of the beach where they are prohibited.

On Canaveral National Seashore, for example, 109 pounds of the total 808 pounds of trash collected was glass, she said. The national seashore was one of three collection sites in Southeast Volusia County that attracted a combined 250 volunteers. Many were students, including 6-year-old Jerrard Hanson.

"All this plastic stuff can kill the fishes and turtles," Jerrard said. "My teacher told us everyone

should help to clean up the beaches and this would help the fish to live."

Ranger Hines reported trash collected from the seashore included items from Greece, the U.S.S.R., Czechoslovakia, Italy and Canada. However, the beach attracted foreign volunteers as well.

"We visit New Smyrna Beach every September," said Vicente Jimenez of Caracas, Venezuela, who worked with his son. "The beaches are wonderful, the people are all warm and friendly, so I and my son Fernando felt it was our duty to help today to clean the beaches."

In the area from Daytona Beach Shores south to Ponce Inlet, about 200 volunteers brought 696 pounds

SEE **CLEAN**/ 3C

□ Clean

CONTINUED FROM 1C

of trash to three collection stations, reported zone captain Beth Libert of Volusia County Turtle Patrol. Tallies of trash collected on Daytona Beach and brought to Lighthouse Point Park in Ponce Inlet were not available Saturday.

Earlier in the week, zone captain Maria Viviano, of Sons of the Beaches, a group often critical the way the county handles beach operations, predicted a good turnout. "The Sons of the Beaches are working with the county Beach Department on this, so it must be important," she said.

In Flagler County, zone captain Dennis Bayer, of Flagler Conservation Association, estimated be-

tween 1,300 and 1,400 pounds of litter were collected on 18 miles of shoreline. About 100 volunteers represented a wide range of ages and backgrounds, from retirees to schoolchildren.

Bayer estimated 400 pounds of recyclable material was collected. Other beach debris included car and boat parts, plastic oil containers, a dead turtle and a dead shark.

Information sent to CMC after previous cleanups has resulted in various law changes, including a statewide ban on release of lighter-than-air balloons and bans on plastic straws at beach concession stands in some communities. Organizers said, though, the annual cleanup's raising of public awareness may be its greatest achievement.

Nearly twice as many Volusians

volunteered this year as last year. "We hope someday to come down here and not have anything to pick up," said Rita Alexander-Block, an employee of Greenpeace International and a Southeast Volusia zone captain.

The cleanup also served as a campaigning opportunity for candidates for the governor's seat in Florida, a state in which pollsters say the environment is a leading priority of most voters.

While Democratic gubernatorial candidate Lawton Chiles helped pick up trash in Daytona Beach, incumbent Republican Gov. Bob Martinez did the same on a spoil island in Biscayne Bay.

■ Staff writers Deborah Johnson and Mark Miller contributed to this report.

Volunteers clean up beaches

BY MARK I. JOHNSON

More than 770 pounds of trash was removed from New Smyrna's beaches Saturday thanks to volunteers participating in the annual Florida Coastal Clean-up.

According to event coordinator, Rita Alexander-Block, 87 volunteers spent their Saturday morning scouring the 10-miles of beaches picking up the litter left behind by thoughtless beach-goers.

The New Smyrna Beach group gathered a total of 777 pounds of trash, including 46 pounds of aluminum, 68 pounds of glass, 663 pounds of paper and plastics and 1 1/2 ounces of fishing line.

One participant even found \$5 in the sand.

In talking to some of the people participating in the clean-up, it seems the central theme of the event was to help preserve one of our most valuable resources.

"We use the beach, so we decided to come over here and help clean

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PHOTO BY MARK I. JOHNSON

JEREMY DECKER, 9, of New Smyrna Beach was just one of the dozens of volunteers who descended on New Smyrna beaches Saturday during the Florida Coastal Clean-up.

*New Smyrna Beach Observer
9/24/90*

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Beach

it up," said Barbara Yerkes of Orange City.

"Living on the beach I think we should all participate," added New Smyrna Beach resident Pat Chambers.

The New Smyrna Beach event was part of a state and national ef-

fort to clean up the beaches on all coasts and drew people from all walks of life. Even Florida's gubernatorial candidates, Lawton Chiles and Gov. Bob Martinez, got sand in their shoes to participate in the event. Chiles helped clean up along Daytona's beaches, while Martinez traveled to Miami to lend a hand.

The Coastal Clean-up is sponsored and organized by the Center for Marine Conservation in St. Petersburg.

The event help the center gather information as to what kind of trash can be found on the beaches. It uses this information to attempt and track down the source of the debris and prosecute those people who are dumping it.

The effort also lends a helping hand to the wildlife which use the oceans and shorelines as their homes. Plastics and fishing lines have been proven to cause deaths in birds and endangered sea turtles.

Beach buddies find it's a plastic world

BY GARRY MATLOW

Local organizers hope the only plastic they find on Southeast Volusia beaches during the Sept. 22 Florida Coastal Cleanup are the bags in which they put debris. They know, however, that will not be the case.

During last year's cleanup, volunteers statewide collected 200 tons of trash and 467 miles of monofilament fishing line in three hours. Of that total, 64.8 percent was plastics and polystyrene foam.

In Volusia County, 84 percent of the haul was plastics, according to Rita Alexander-Block, a Greenpeace International sea turtle campaigner.

"We just outdid everybody," she told New Smyrna Beach Kiwanis Club members Wednesday.

"That's too much," she said. "Plastics do not degrade — I don't care what they tell you. They break down into smaller particles and that could be more dangerous to animals."

The danger comes from items such as plastic bags floating out to sea — or being dumped from passing ships — where they resemble part of the natural environment.

"Sea turtles die from ingesting plastic bags," Alexander-Block said. "They look just like jellyfish, which is their favorite food."

Turtles and birds also become entangled in fishing line, causing them injury and death. According to the Center for Marine Conservation, national sponsor of the Sept. 22 cleanup, whales, turtles and at least 50 species of sea

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PHOTO BY GARRY MATLOW

RITA ALEXANDER-BLOCK tells Kiwanis Club members the hazards of plastic to marine life.

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Cleanup

birds are known to mistake plastic items for food.

Alexander-Block said the cleanup aims to do more than just remove litter from the beach. "We're there not just to pick up the trash, but to document the trash," she said.

Those statistics are used to educate the public and lobby for new regulations. For example, the international marine treaty in 1989 banned the dumping of plastic by ships at sea, and in Florida the Legislature banned the release of more than 10 lighter-than-air balloons at a time.

The cleanup effort has picked up several corporate sponsors since the first event nine years ago. For example, Glad Wrap and Bags has donated trash bags and Faber-Castell has donated pencils. For the first time this year, Berkley, a manufacturer of fishing line and tackle supplies, plans to recycle all monofilament fishing line collected.

The Florida Coastal Cleanup will be from 9 a.m. to noon Saturday, Sept. 22. Southeast Volusia staging areas will be the Flagler Avenue and 27th Avenue parking lots in New Smyrna Beach and the Canaveral National Seashore information center. Volunteers should bring gloves, hat, sunscreen and appropriate shoes or sneakers.

For more information, call Rita Alexander-Block at 427-9420, Rhonda Donahoo-Gumto at 423-5629 or Canaveral National Seashore Ranger Sandra Hines at 428-3384.



CHRIS MIKULA/Bradenton Herald

These four folks were among about 400 Manatee County volunteers collecting trash Saturday. From left, Linda Thomas, Barbara Heinz, Catherine Fischer and Gwendolyn Brown pick up trash along Palma Sola Causeway.

Bradenton Herald
9.23.90

Hundreds pick up after beach slob

NICK MASON
Herald Senior Writer

Logan Walters was hot and tired Saturday morning after scrounging through dense mangroves at Warners Bayou East to pick up litter and trash.

Walters, a third-grader at St. Stephen's Episcopal School, filled three large garbage bags with bottles, aluminum beer cans, Styrofoam, fast-food wrappers, plastic and other junk in a couple hours of work.

He grabbed the handles on the third garbage bag and dragged the bag back to the central collection site about 200 yards away. There, volunteers sifted through the trash and

"I think (littering) is a stupid thing to do. The people who make the mess should clean it up."

Logan Walters, 9

kept records of what he and a dozen others found.

"They aren't nice at all," Walters, 9, of 511 51st St. N.W., Bradenton, said of litterbugs. "I think (littering) is a stupid thing to do. The people who make the mess should clean it up."

Walters was among about 400 Man-

atee County volunteers who gave up their Saturday morning of leisure or fun to clean 34 beaches during the 1990 National Beach Cleanup, the fourth annual program.

Local organizers from the sponsoring Wildlife Inc. and Manatee County Parks and Recreation Department plan to total the amount of garbage pulled from Manatee County beaches by Monday. Preliminary reports Saturday were that dozens of garbage bags were filled at most sites.

All trash will be taken to the county's garbage dump or be recycled, organizers said.

CLEAN

To B-3

CLEAN

From B-1

Statewide coordinators from the Center for Marine Conservation could not be reached Saturday to learn how much garbage was picked up across Florida, one of 15 states conducting beach cleaning campaigns Saturday.

Richard Renninger, 55, of 720 24th St. W., Bradenton, kept his 16-foot boat on shore and helped clean Warners Bayou East across from the 59th Street Boat Ramp.

"This is the boat ramp I always use, so this is the area that I wanted to clean," he said. "I got three or four bags (full of garbage). That's not a whole lot, but it helps."

Volunteers and cleanup coordinators said bottles, cans, plastic and paper were the most common finds, but there were some peculiar trash pickups too. Renninger found a wooden croquet ball in the mangroves. Others found a rusty metal mailbox, a wooden clothes chest, bed springs, tampon applicators, car headlights and a washing machine tub.

Veterans of past cleanups said more garbage was left on the beaches and drifted with tides into mangroves this year than in earlier years — an unhappy sign of Manatee County's continued growth.

"The overriding comment is there are not enough people (collecting garbage) and there is too much garbage," said Sarah Mitchell, 32, of 1510 Fifth St. W., Palmetto, coordinator at the Warners Bayou East site.

"But there are six kids working out here, which I think is a really good sign," she said. "If they are picking it up today, they won't be the ones throwing it tomorrow."

Gail Straight, one of seven countywide cleanup coordinators, said preliminary reports of the favorite hang-out for littering slobs was Emerson Point on Snead Island.

"It's really disgusting out there," she said. "Every four or five minutes they've had bags filled. There's lots and lots of glass bottles there."

There were both uplifting and scary moments.

Kathy Zeller, another countywide coordinator, said crews cleaning up Passage Key rescued three pelicans trapped in fishing line.

The scary moment was when an unidentified worker sprucing up Leffis Key across from Coquina Beach came face-to-face with a rattlesnake. The worker was not bitten and the snake was unharmed.

Larry Smith, 39, of 816 69th Ave. W., director of the Wildlife Rescue Service in Bradenton, said he was sad because litter piles up almost as fast as volunteers remove it. Indeed, the Palma Sola Causeway was looking trashy only hours after Smith and 45 others

finished their work at noon.

"We have become a throw-away society. Most people don't even think what they're doing, it's become such a habit," Smith said. "I think it's sad. . . . The trash is coming back faster than before."

Cleanup volunteer Nick Karas, 36, of 7016 11th Ave. N.W., owner of a roofing company, said he had fun and felt good about helping clean Palma Sola Causeway.

Karas said he intends to return for the 1991 cleanup. He hopes to have nothing to do.

"I want to walk up and down here the next time and not see anything but beach," he said. "Yeah, it's probably just a dream."

Volunteer beachcombers clean up area coastline

By DENISE O'TOOLE

While more than 500 volunteers combed the coastline of Volusia and Flagler counties in Saturday's scorching sun picking up at least two tons of trash, about a dozen worked to remove hazardous ocean debris in a much cooler setting underwater about 10 miles off shore.

The occasion was the fourth annual National Coastal Cleanup sponsored by the Center for Marine Conservation. The local divers and beach police were among an estimated 15,000 in the state and tens of thousands in the country to join in the event. Volunteers not only removed debris from the beach, they took much of it to recycling centers and forwarded information about what they found to the CMC.

One of the more disturbing discoveries here was three unmarked 45-gallon drums found at Canaveral National Seashore, said Donna Devlin, a CMC associate biologist. Two of the drums were broken, one was intact, according to notes filed by the zone captain, Ranger Sandra Hines. The contents and origin of the drums were unknown Saturday, Miss Devlin said.

The local divers, members of Ormond Anchor Chasers, have tried to clean fishing line from Liberty Reef on the day of the national cleanup each year since 1987, but

this is the first time the sea and sky cooperated with their plans.

"It's always been either too rough or stormy," said underwater zone captain Don Serobusek of Ormond Beach.

High-rise condominiums were barely visible on the eastern horizon as Ed Best, wearing full scuba gear, popped up out of the water with a handful of monofilament fishing line he just cut from the artificial reef below. He and his colleagues collected several pounds of the fishing line, which often traps fish, turtles and other sea creatures that feed off the thriving reef. Only time limits prevented them from removing more.

"You could stay down there as long as you wanted to taking line off. There's miles of it," said Mark Kirodel, who piloted one of four boats on the cleanup expedition.

The reef was created in 1980 by sinking the ship Mindanao, a 440-foot-long, 62-foot-wide Liberty ship. The accumulation of line and other fishing paraphernalia was a testament to the reef's popularity as a fishing spot. Other items found were bricks and a 38-millimeter gun cartridge, which will be recycled, in a way.

"When you sort that stuff out, I'd like to get that lead back if I can. My dad's a reloader," Best shouted from the water.

This year, for the first time, the



News-Journal photo by Lisa Parker

Turtle patrol members are among volunteers bagging beach trash Saturday in Ponce Inlet.

miles of fishing line collected in the water and on the shorelines will be recycled. Aluminum cans and glass have been recycled since the event's inception. Miss Devlin pointed out that this year, large numbers of glass containers were found in areas of the beach where they are prohibited.

On Canaveral National Seashore, for example, 109 pounds of the total 808 pounds of trash collected was glass, she said. The national seashore was one of three collection sites in Southeast Volusia County that attracted a combined 250 volunteers. Many were students, including 6-year-old Jerrard Hanson.

"All this plastic stuff can kill the fishes and turtles," Jerrard said. "My teacher told us everyone

should help to clean up the beaches and this would help the fish to live."

Ranger Hines reported trash collected from the seashore included items from Greece, the U.S.S.R., Czechoslovakia, Italy and Canada. However, the beach attracted foreign volunteers as well.

"We visit New Smyrna Beach every September," said Vicente Jimenez of Caracas, Venezuela, who worked with his son. "The beaches are wonderful, the people are all warm and friendly, so I and my son Fernando felt it was our duty to help today to clean the beaches."

In the area from Daytona Beach Shores south to Ponce Inlet, about 200 volunteers brought 696 pounds

SEE CLEAN/3C

□ Clean

CONTINUED FROM 1C

of trash to three collection stations, reported zone captain Beth Libert of Volusia County Turtle Patrol. Tallies of trash collected on Daytona Beach and brought to Lighthouse Point Park in Ponce Inlet were not available Saturday.

Earlier in the week, zone captain Maria Viviano, of Sons of the Beaches, a group often critical the way the county handles beach operations, predicted a good turnout. "The Sons of the Beaches are working with the county Beach Department on this, so it must be important," she said.

In Flagler County, zone captain Dennis Bayer, of Flagler Conservation Association, estimated be-

tween 1,300 and 1,400 pounds of litter were collected on 18 miles of shoreline. About 100 volunteers represented a wide range of ages and backgrounds, from retirees to schoolchildren.

Bayer estimated 400 pounds of recyclable material was collected. Other beach debris included car and boat parts, plastic oil containers, a dead turtle and a dead shark.

Information sent to CMC after previous cleanups has resulted in various law changes, including a statewide ban on release of lighter-than-air balloons and bans on plastic straws at beach concession stands in some communities. Organizers said, though, the annual cleanup's raising of public awareness may be its greatest achievement.

Nearly twice as many Volusians

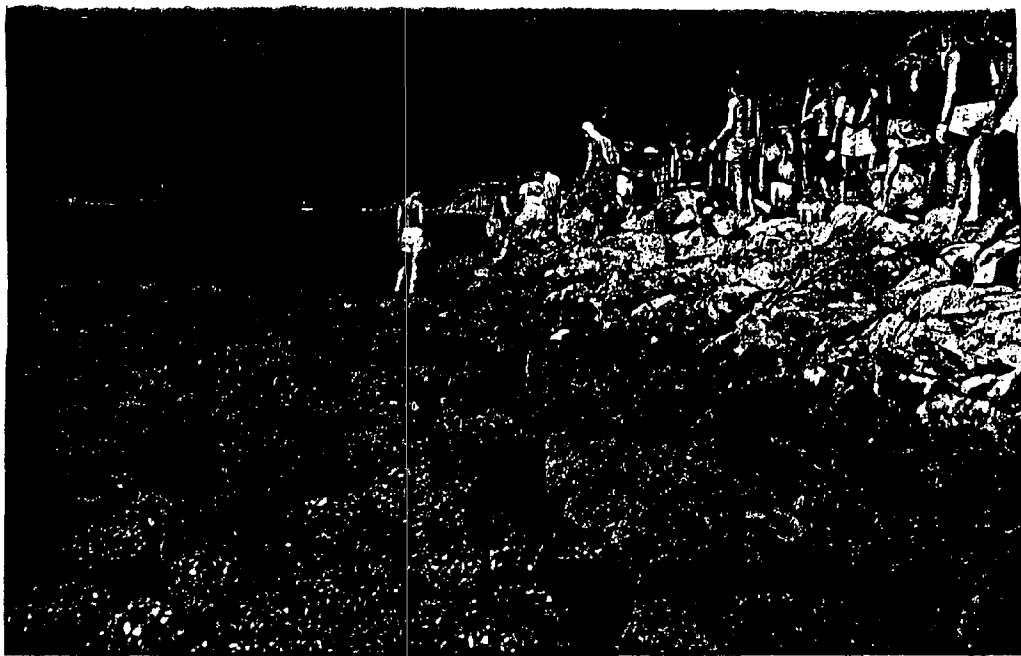
volunteered this year as last year. "We hope someday to come down here and not have anything to pick up," said Rita Alexander-Block, an employee of Greenpeace International and a Southeast Volusia zone captain.

The cleanup also served as a campaigning opportunity for candidates for the governor's seat in Florida, a state in which pollsters say the environment is a leading priority of most voters.

While Democratic gubernatorial candidate Lawton Chiles helped pick up trash in Daytona Beach, incumbent Republican Gov. Bob Martinez did the same on a spoil island in Biscayne Bay.

■ Staff writers Deborah Johnson and Mark Miller contributed to this report.

The Tampa Tribune, Sunday, Sept. 23, 1990



Tribune photograph by TODD L. CHAPPEL

Students from Hillsborough Community College joined hundreds of other volunteers at the Courtney Campbell causeway Saturday to help clear trash and

litter from the shore of Upper Tampa Bay. A large number of crab traps and other trash were hauled away from the area.

Trash-bashers hit beaches

By MIKE COPELAND
and GEOFFREY MOHAN
Tribune Staff Writers

All of the trash picked off Florida's beaches Saturday morning was out of place.

Like a couch, chairs, a baby rattle. "Even a toilet," giggled 8-year-old Carissa Reimink of Tampa, who joined her parents and thousands of other volunteers for the fourth annual Coastal Cleanup Day.

The day was part of a national effort coordinated by the Center for Marine Conservation, which reported that Florida led the nation last year in participation, with 15,000 volunteers picking up 200 tons of debris along 911 coastal miles.

Politicos mixed with thousands of environmentally conscious trash-bashers throughout Florida, where pollsters say the environment is a priority of most voters.

William Reilly, the U.S. Environmental Protection Agency administrator, and Gov. Bob Martinez picked up cans and other trash on a spoil island in Biscayne Bay, while Martinez's Democratic gubernatorial challenger, former U.S. Sen. Lawton Chiles, helped pick up trash along Daytona Beach.

In full U.S. senatorial splendor — with red, white and blue shorts — Bob Graham signed up for the cleanup near the Gandy Bridge but skipped over a table with a petition to support a treaty restricting ocean dumping.

Graham said the treaty pre-empt's state shipping



Tribune photograph by JIM REED

Volunteers fill up trash bags full of litter Saturday on the Tampa side of the Gandy Bridge. The area has been used for years as an illegal dump.

See CROWDS, Page 7B

Tribune, Sunday, Sept. 23, 1990

September 23, 1990

7-B

Volunteers scour state's shoreline to clear away litter

rs — a lot of crab markers — and a baby
attle," said Danny Spencer of St. Peters-
urg, who helped clean near Weedon Is-
and.

"That's the biggest thing we found, old
oolers and Styrofoam cups, stuff that
oesn't deteriorate," said George Hall, who
sed a canoe to get to nearby Mud Island.
We found a tire with a rim and everything.
'ou wouldn't believe the junk people lose,
r throw away."

John Walkinshaw, spokesman for the
outhwest Florida Water Management Dis-
ict, said trash seemed less omnipresent
an before, partly because of the lasting
fects of coastal cleanups over past years.
"Certainly, there is still a lot of trash out
re," he said. "Obviously, any trash is not

good, and, obviously, one day a year isn't
going to do it."

One function of the cleanup project, in
addition to simply tidying up, is to raise
public awareness that Florida waterways
form a "fragile system that needs respect,"
Walkinshaw said.

The worst environmental trash offend-
ers are plastics, particularly fishing line
and the rings that hold together six-packs of
canned beverages, he said.

"It breaks your heart to see a sea crea-
ture in agony because it's tangled up in line
or just can't eat because it's beak is stuck in
a set of plastic rings."

Volunteers at Green Key Beach in Pas-
co County managed to rescue a few of those
animals.

"We saved three horseshoe crabs. They
were tangled in fishing line," said Meekin
Buschmann, 17, a member of Students for
Social Responsibility at Ridgewood High
School.

Buschmann was among an estimated
530 Pasco volunteers who collected about
350 bags of trash at Anclote River Park
North, Green Key Beach, Nick's Park in
Port Richey, the Port Richey Recreation
area and the Belcher Mine area in Hudson,
said Jean Knight, county cleanup coordina-
tor.

Not everyone confined their labor to
beaches close to home. Karen and Dave
Zell of Brandon traveled to Pinellas County
to help clean up John R. Bonner Nature
Park in Largo.

"We go to the beach all the time so we
thought we wanted to go in this direction to
clean up," said Dave Zell, an engineer with
the state Department of Environmental
Regulation.

"When we first went out it appeared
pretty clean," said Karen Zell, but after the
team started moving around in the water
they found large pieces of submerged de-
bris and a lot of trash concealed by man-
groves.

"I wonder if in (litterers') minds they
assume it'll be picked up," Dave Zell said.
"Somebody else will just do it."

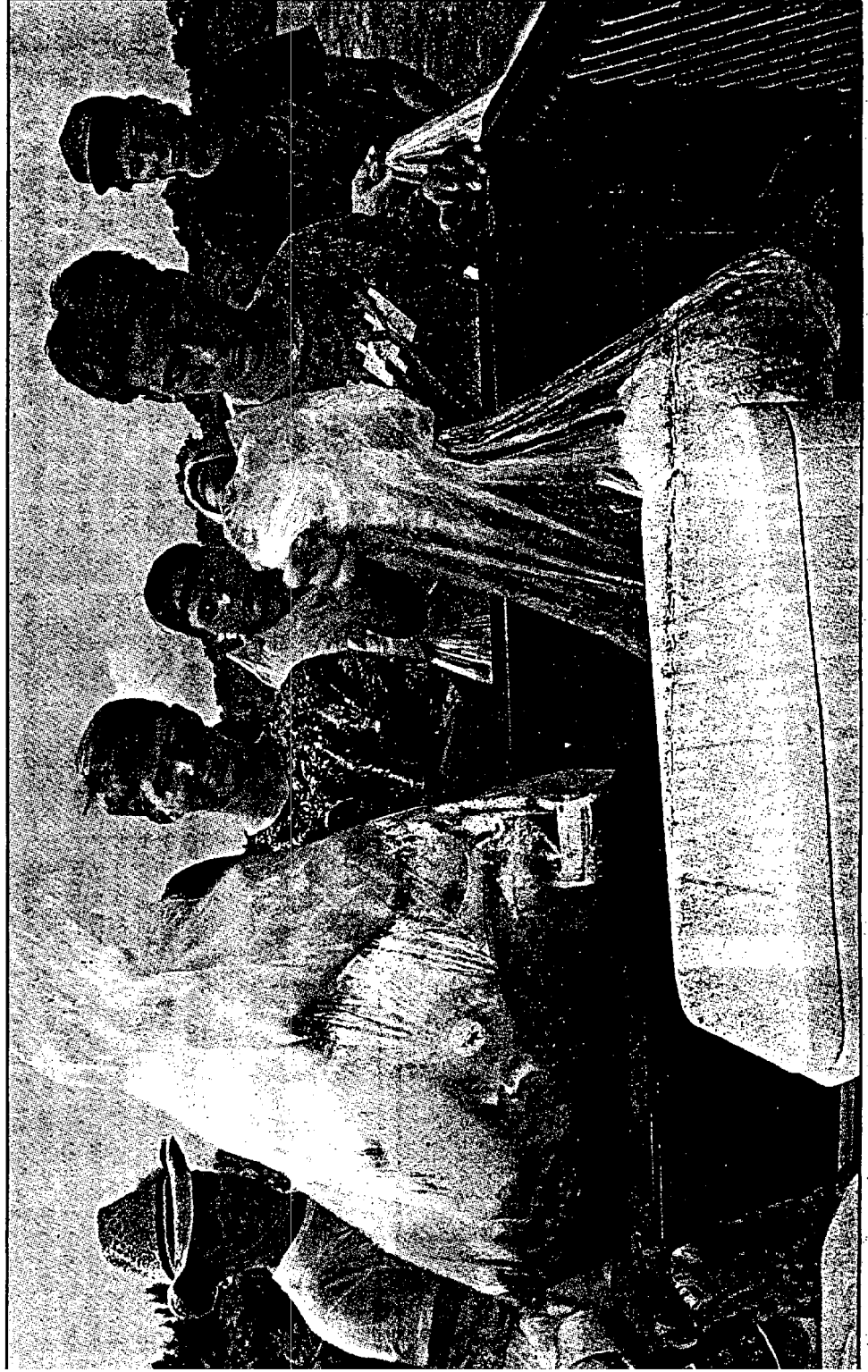
Staff writer Michelle Knowles and Tri-
bune wire services contributed to this re-
port.

ST PETERS BURG TIMES

SUNDAY, SEPTEMBER 23, 1990

(CITY TIMES)

Litter foes pitch in for Tampa Bay



Times photo — CHERIE DIEZ

Students in John Talbitzer's marine biology class at St. Petersburg High School join other area residents near the eastern point of Fort Soto Park on Saturday as part of Tampa Bay Day cleanup. From left, Talbitzer, Chris Chumbley, Tommi Napari, Joe Sousa and Ric Fisher load their trash on the back of a pickup truck.

■ Hundreds of volunteers spent their Saturday braving heat, fatigue and dirt — all for the sake of a cleaner shoreline.

BY CAROL A. MARBIN
and TERESA BURNLEY
Times Staff Writers

The smell of suntan lotion was in the air at the Clearwater Marine Science Center.

Volunteer Terri Douglas stood on the bumper of a van and divided the group into wets and dries — those who would be willing to get wet while collecting trash and those who preferred to keep their tennis shoes dry. Then she sent them fanning out onto the beaches and into the mangroves to collect debris in plastic bags that came from packages marked "Ideal for recycling."

Many groups were assigned about a mile of shoreline to clean.

"For those of you who exercise when you start to feel good — that's a mile. For those of you who don't when you go, 'Ugghhh' — that's a mile," Ms. Douglas said.

From Tarpon Springs and Palm Harbor to Fort De Soto Park and Madeira Beach, hundreds of volunteers walked miles of Pinellas County coastline Saturday to collect trash. The Tampa Bay Day cleanup was part of a statewide effort to rid Florida

Litter

from Page 1

beaches of ugly and harmful debris.

Volunteers found the predictable: plastic soda can holders, straws, potato chip bags, beer bottles, paper napkins, huge chunks of plastic foam, diapers, candy wrappers, monofilament fishing line, cardboard boxes and empty suntan lotion containers.

And they found the unpredictable: thong sandals, boat parts, an iron rod, oil filters and car parts, a neon light tube, a large wooden spool, a grated-cheese dispenser and a rusty lounge chair.

At collection centers, volunteers sifted through the garbage and separated it into containers for recycling. Green glass went in one bin, brown glass in another. Volunteers took notes on what was found, so they can report to local officials how best to combat littering.

Michael and B. J. Shaub's discovery won't make it into any report, but the boys were excited enough to display their find to visitors at the East Beach in Fort De Soto Park. The two brothers found a small brown box turtle.

Actually, they nearly ran over it while their mother was parking her car.

"I'm going to read about it in the encyclopedia to see what it does," said B. J., 10.

"I want to see what the babies look like."

He and Michael, 9, learned at North Shore Elementary School that box turtles have shells that open and close — and that their new pet is female because it has brown eyes.

The children who picked up trash learned other things as well. For Dan Reynolds, it was that "people are slob."

"People need to learn to dispose of their trash in trash cans, instead of in the environment," said Dan, who scoured the coast at Fort De Soto Park with other members of the Seminole Vocational Educational Center's chapter of Future Farmers of America.

Dan was one of about 250 people — Boy Scouts, Girl Scouts, high school and college students, ROTC members — who came to the county park Saturday morning for the cleanup.

"I think it's particularly heartening to see so many young people involved, wanting to make a difference, willing to work hard — because it's hard working in the sun," said Joyce King of Largo, vice president of the St. Petersburg Audubon Society.

Jerri Bohard, cleanup zone captain for the Pinellas beaches, also was pleased with the turnout. She had expected almost twice as many people as last year.

Last year, between 800 and 900 people volunteered in her zone. This year, the early counts were indicating there could have been as many as 1,500.

Volunteers weren't only on the white sandy beaches. Many waded in the mud among the mangroves along causeways and took boats out to spoil islands, two areas where trash tends to end up.

Ann Mackey was digging into the mangroves along the Clearwater Memorial Causeway for trash. But that's nothing new for her.

"I live here, and I walk this area every chance I get," the Island Estates resident said.

"I never come out without a little trash bag. It's so pretty, and I get so upset with the carelessness and the not caring."

But she usually picks up trash alone.

"It's just good to be out with a crowd," she said.

"Now I know that other people care, too."

It's beach cleanup time again

By MARILYN HOECKEL

On Saturday, Sept. 22, volunteers will be combing Florida's beaches to remove ugly and harmful litter left by careless beachgoers and boaters.

The statewide effort, in its fourth year, is sponsored by the Center for Marine Conservation.

Heidi Lovett, of the Center, said of last September's cleanup, "It was a huge success, and set new records for volunteer participation. Nearly 15,000 volunteers cleaned 911 miles of coast and collected about 200 tons of debris. This was the largest single cleanup anywhere in the world, surpassing the record set in Florida in 1988."

About 20 people cleaned up Gasparilla Island last September. They picked up 18 bags of trash from about 11 miles of the island's shoreline. That's over three tons of trash.

The statewide beach cleanups are much more than annual litter collection campaigns. Volunteers fill out "data cards" on which the types and amounts of trash are carefully noted. The data is then sent to the Center for Marine Conservation and entered into a statewide data base.

This information is used to:

- provide information on where litter "hot spots" are in Florida;
- assess sources of marine debris collected;
- particularly assess the quantity of monofilament fishing line and discarded/lost fishing nets (deadly to marine animals and birds);
- focus public attention on the environmental problems posed by marine debris; and
- produce a report which provides



You can help prevent this kind of tragedy. Over 600 miles of fishing line was recovered in last fall's cleanup. It kills by entangling birds and animals.

long-term management recommendations to the state government.

Local sponsors for this fall's cleanup are: The Boca Beacon and BIPS (Barrier Island Parks Society), for Gasparilla and Don Pedro islands; the Florida Parks Service, for the barrier island parks; the *Charlotte Sun Herald*, for the Gasparilla and Coral Creek Fishing Piers; and the American Littoral Society and the Lemon Bay High School Environmental Club.

Gasparilla islanders are invited to participate in this important effort. Meet at the parking lot across from Hudson's Grocery on Park Ave. at 8:30 a.m. sharp Saturday, Sept. 22.

Trash bags, data cards and pencils will be provided.

Surfing entrepreneurs commit company to environment

Financial news daily record, Sept 24, 1984



Tony Iannarone and Mark Reichenstein have committed a percentage of their company's profits to aiding the coastal environment. (Photo by Diane Uhley)

■ by Elizabeth Skelton

Tony Iannarone and Mark Reichenstein may seem like typical college students with a fondness for surfing. But don't be fooled by outward appearances.

Though Iannarone and Reichenstein are indeed college students, they are also entrepreneurs who have combined their love of surfing with a concern for the environment to launch the Clean Ocean Surfboard line.

The two roommates said that their business venture was not financially motivated. Their main cause was to be help ease some of the environmental problems the surfing industry creates.

"That was the main backing behind the boards," said Reichenstein. "We wanted to try and start a trend in the surfing industry where its responsible for its actions."

According to Iannarone and Reichenstein, ages 22 and 21 respectively, the resin and foam used to make surfboards is hazardous to oceans. "If it's not

disposed of properly, it can really be a problem," said Iannarone. "If the industry's not going to do anything about it, we can do our part to keep it (ocean) safe."

Doing their part is donating a percentage of their profits to the Center for Marine Conservation (CMC), a national non-profit membership organization dedicated to protecting marine wildlife and their habitats, and preserving coastal and ocean resources.

"Right now, we're donating 8 percent of our profit margin," said Iannarone. "Once we get going we're going to donate 3 to 5 percent on a semi-annual basis. That amount will actually be larger than what we're giving now after we get going."

Currently, their donation is earmarked to benefit the Florida Coastal Cleanup, CMC's annual event — held this past weekend — to clean the beaches and shorelines. "Before he ever started Clean Ocean, Tony was planning on giving a percentage of gross receipts to an environmental

See Surf on page 4

■ Continued from page 1

group," said Heidi Lovett of CMC's St. Petersburg office. "His portion to us is for the coastal cleanup. Besides his donations, he's been real helpful by distributing materials (brochures, posters) for us."

The environmental base of Clean Ocean Surfboards was a strong selling point for Iannarone and Reichenstein when they began traveling to surf shops along the East Coast six months ago with the first 12 prototypes of their product.

"Most people really liked the name and the idea of helping the environment," said Iannarone. "They were also satisfied with the performance of the product."

Performance was another aspect that Iannarone and Reichenstein, who have surfed for 22 years collectively, were concerned with when designing their surfboards.

"We were just kind of sick of the way the surfing industry was taking advantage of the buying public," said Reichenstein. "You pay a lot for the big names, but those companies are providing the public with a low quality product. Right now, the average cost of a big name board is around \$325 to \$425." He said that an avid surfer will need to replace surfboards annually.

Clean Ocean Surfboards retail for \$295 to \$345. They are currently being sold in surfshops in New Jersey, Virginia and Florida.

Iannarone and Reichenstein, both New Jersey natives, said they have sold 30 of the 40 surfboards shaped by local surfboard shaper Howard Tanner.

Locally, the surfboards are sold at South Coast Surf Shop on Mayport Road, owned by Reichenstein. He is taking a break from classes at Jacksonville University (JU) this semester to devote more time to his business.

Iannarone, a marketing senior at JU, said that his education was an asset when he was forming Clean Ocean Surfboards. "My education helped quite a bit. I took a business class right after we started that has really helped me understand the concepts of financing much better than I would have without being in

school."

Iannarone feared he wouldn't be in school if Clean Ocean Surfboards didn't succeed. "I borrowed \$3,000 from my college money to start this," he laughed.

He and partner Reichenstein said that Clean Ocean Surfboard sales are growing at steady pace, "so that we don't have to borrow or run into a debt ratio".

Iannarone said he's been researching the surfboard markets in France and Spain for the future.

"Right now, we just want to supply consumers with quality, high performance products that let them express themselves," he said. "We want to do our part to insure that our children have oceans to swim in and fish to catch."



Beauty and the beach: Help save our shores.

● *Coast-to-coast cleanup*

Lend a hand in the three-hour cleanup of America's coasts and you won't just be making beaches more beautiful, you'll be collecting valuable data.

The Center for Marine Conservation, which coordinates the annual cleanup, uses the trash-collection data to go after polluters. Last

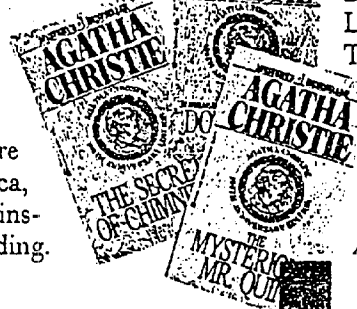
year, 65,000 people collected 860 tons of trash. This year's cleanup will take place Saturday, September 22 in most states; for information, contact the Center at (202) 429-5609 on the East Coast or (415) 391-6204 on the West Coast.

● *In history's footsteps* Ellis Island, the site where over twelve million immigrants first set foot in America, opens an Immigration Museum this month, after a painstaking six-year renovation of the Beaux Arts main building.

a conflict over states' rights and ended as a struggle to define the meaning of freedom in our country. The acclaimed series will run five consecutive nights—September 23 through 27. Check local listings for times.

● *The grand dame of mystery* Agatha Christie mysteries have sold some two billion copies worldwide, and her cunning plots continue to enjoy a wide audience. To mark the one hundredth anniversary of her birth on September 15, Berkley Books is reissuing all her novels, along with *The Agatha Christie Companion*, by Dennis Sanders and Len Lovallo (\$12.95). Their picks for the best of Christie: *The Murder of Roger Ackroyd*, *The ABC Murders*, *Five Little Pigs* and *A Murder Is Announced*.

Murder maven Agatha Christie celebrates a centennial.



September



A renovated Ellis Island reopens as the Museum of Immigration.

Names of individuals or families who immigrated through any U.S. port of entry are being inscribed on the American Immigrant Wall of Honor; for a \$100 donation, you can still add a name in time for the 1992 Centennial. Contact the Statue of Liberty-Ellis Island Foundation, Inc., at (212) 883-1986.

● *The roots of freedom* Most of us don't remember much of what we learned about the Civil War, yet its echoes still reverberate. *The Civil War*, an epic documentary on PBS this month, offers an insightful examination of what began as

● *Bali high* Batik and the sarong are just two of Indonesia's cultural contributions; celebrate all the riches of this exotic island culture at the Festival of Indonesia, traveling throughout the U.S. this fall and next year. The Festival starts this month with a gala performance at the Kennedy Center in Washington D.C., The Sculpture of Indonesia exhibit at the National Gallery and The Court Arts of Indonesia at the Asia Society Galleries in New York. It will include film, dance and music performances, and textile, photography and art exhibits in more than forty other cities.

● *Do your heart good.* Most women assume heart disease is something they don't have to worry about, but, in fact, it is the leading cause of death among women. On Thursday, September 13, hospitals across the country will participate in CountDown USA: The National Heart Check, a screening for the risk factors associated with heart disease. Get your blood pressure and cholesterol levels checked for \$5 or less. To find the location nearest you, call (800) 468-6842.

GLAMOUR

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do you think about sex too much?

☐ yes ☐ oh, yes!

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best fall looks

college shocker: 1 in 7 is raped

